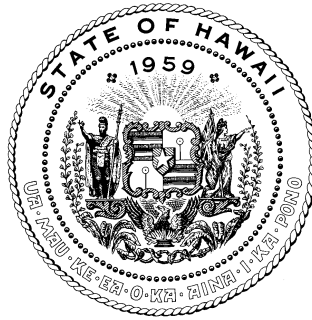


Report to the Twenty-Fourth Legislature
Regular Session of 2007

EMERGENCY RELIEF EXPENDITURES FOR NATURAL DISASTERS
OCCURRING IN FEBRUARY AND MARCH 2006
AND
STATUS OF DAM SAFETY INSPECTIONS
AND ASSESSMENTS



Prepared by the

Department of Land and Natural Resources
State of Hawaii

in response to
Section 24, Act 118, Session Laws of Hawaii 2006
and
Section 25, Act 118, Session Laws of Hawaii 2006

Emergency Relief Expenditures For Natural Disasters Occurring In February And March 2006

This report is prepared pursuant to Section 24 of Act 118, Session Laws of Hawaii 2006, which calls for the Department of Land and Natural Resources to prepare progress reports to the Legislature no later than July 15, 2006, January 15, 2007, and July 15, 2007. The information contained in the reports shall:

1. Be organized by county;
2. Provide summaries of expenditure data on a statewide basis; and
3. Include:
 - a. The date of each expenditure;
 - b. The purpose and a description of each expenditure;
 - c. The identification of any recipient of payments from each expenditure; and
 - d. For funds not authorized by this Act but nevertheless used by any department or agency for the purposes of this Act:
 - (i) The source of those funds, by specific program;
 - (ii) The impact to the programs originally funded by those funds; and
 - (iii) The need for any emergency appropriations that resulted from the diversion of those funds.

This report covers expenditures up to December 31, 2006 and is submitted to satisfy the Legislative request due date of January 15, 2007.

DEPARTMENT OF LAND & NATURAL RESOURCES
STORMS of FEBRUARY & MARCH 2006
ACCOUNT SUMMARY
AS OF DECEMBER 31, 2006

		Expended & Encumbered						Less: Federal Funds	Adjusted Costs	Funding Balance	Details Attached
		Oahu	Kauai	Maui	Hawaii	Stwd	Total				
Appropriating Sections of Act 118, SLH 2006											
Section 7	5,000,000	165,020	554,987	561,310	117,569	71,692	1,470,578		1,470,578	3,529,422	Schedule A
Section 8	4,375,000	1,294,829					1,294,829	-29,289	1,265,540	3,109,460	Schedule B
Section 9	3,000,000	120,000					120,000		120,000	2,880,000	Schedule C
Section 10	3,000,000	411,345					411,345	-18,977	392,368	2,607,632	Schedule D
Section 11	1,275,000	363,432				180,000	543,432	-101,287	442,145	832,855	Schedule E
Section 12	260,750	33,820		54,745			88,565	-28,323	60,242	200,508	Schedule F
Section 13	1,346,500	399,717	710,083				1,109,800	-117,082	992,718	353,782	Schedule G
Section 14	155,207						0		0	155,207	
Section 15	1,200,000				1,058,829		1,058,829		1,058,829	141,171	Schedule H
Section 16	750,000		20,000				20,000		20,000	730,000	Schedule I
Section 17	115,800		64,918				64,918		64,918	50,882	Schedule J
SUBTOTAL	20,478,257	2,788,163	1,349,988	616,055	1,176,398	251,692	6,182,296	-294,958	5,887,338	14,590,919	
Act 178, SLH 2005 (Supplemental Funding for Sections 13 and 14 of Act 118, SLH 2006)											
Section 124	1,355,207	155,431	1,200,000				1,355,431	-73,272	1,282,159	73,048	Schedule K
SUBTOTAL	21,833,464	2,943,594	2,549,988	616,055	1,176,398	251,692	7,537,727	-368,230	7,169,497	14,663,967	

		Expended & Encumbered					Less: Federal Funds	Adjusted Costs	Funding Balance	Details Attached
		Oahu	Kauai	Maui	Hawaii	Stwd	Total			
Other Program Funds Used										
LNR101, Public Lands Mgt		23,059	394,750	2,291	2,960	6,604	429,664	-73,272	356,392	
LNR153, Commercial Fisheries			612				612		612	
LNR172, Forestry Products Dev			1,382			3,284	4,666		4,666	
LNR401, Aquatic Resources			17,858				17,858		17,858	
LNR402, Forest & Wildlife Res		385	900				1,285		1,285	
LNR407, Natural Area Res & Mgt			115				115		115	
LNR801, Ocean-Based Rec				173,034			173,034		173,034	
LNR804, Forest Recreation			6,504				6,504		6,504	
LNR805, Recreational Fishing			489				489		489	
LNR806, Park Dev & Operations		15	47				62		62	
LNR807, Park Interpretation						3,296	3,296		3,296	
	SUBTOTAL	23,459	422,657	175,325	2,960	13,184	637,585	-73,272	564,313	
DEPARTMENT TOTAL		2,967,053	2,972,645	791,380	1,179,358	264,876	8,175,312	-441,502	7,733,810	Schedule L

Other Program Funds Used, Impact to the programs originally funded and the need for any emergency appropriations that resulted from the diversion of those funds

The Department continues to work with State Civil Defense to qualify project expenditures for reimbursement from FEMA. Expenditures for LNR 801 are for emergency repair at the Division of Boating and Ocean Recreation's Kihei Loading Dock. As a result of this diversion of funds, other scheduled repair and maintenance work will be delayed. The Division is pursuing alternate funding or any available excess emergency funding to reimburse its operating funds . Expenditures funded by LNR101 are charged to the Special Land and Development Fund which annually has a spending allocation for the maintenance of state lands. Other unfunded emergency expenses were relatively immaterial and were absorbed by their respective programs with no significant impact to operations.

DEPARTMENT OF LAND & NATURAL RESOURCES										
STORMS OF FEBRUARY & MARCH 2006										
TRANSACTIONS DETAILS										
AS OF DECEMBER 31, 2006										
Act 118, SLH 2006 Section	UAC	PROJECT	COUNTY	TRANSACTION DATE	PAYEE	COST CATEGORY	EXPENDED	ENCUMBERED	TOTAL	DESCRIPTION
07	G-06-305	ENG001	Kauai	8/30/2006	EARTH TECH, INC.	Consultant Services		23,000.00	23,000.00	Visual Assessments Reservoirs/Dams
07	G-06-305	ENG001	Oahu	9/15/2006	ALA MOANA HOTEL	Rental - Meeting Rooms		225.00	225.00	Room Rental Dam Safety Training
07	G-06-305	ENG001	Stwd	9/29/2006	ASCE HAWAII SECTION	Consultant Services		2,189.24	2,189.24	Dam safety training & tech assistance
07	G-06-305	ENG001	Kauai	10/9/2006	HAWAIIAN 17321041712381	Inter-Island Travel	89.60		89.60	e hirano/kaloko dam insp/10-10-06
07	G-06-305	ENG001	Kauai	10/9/2006	HAWAIIAN 17321041712403	Inter-Island Travel	89.60		89.60	e matsuda/kaloko dam insp/10-10-06
07	G-06-305	ENG001	Kauai	10/9/2006	HAWAIIAN 17321041712392	Inter-Island Travel	89.60		89.60	d manuel/kaloko dam insp/10-10-06
07	G-06-305	ENG001	Kauai	10/9/2006	HAWAIIAN 17321041712414	Inter-Island Travel	89.60		89.60	w wynhoff (AG)/kaloko dam insp/10-10-06
07	G-06-305	ENG001	Stwd	10/11/2006	BUREAU OF RECLAMATION	Consultant Services	54,000.00		54,000.00	Dam safety training & tech assistance
07	G-06-305	ENG001	Stwd	10/16/2006	OFFICE MAX 00018069	Miscellaneous Supplies	80.88		80.88	SUPPLIES FOR DAM SAFETY CONF.
07	G-06-305	ENG001	Stwd	10/16/2006	OFFICE MAX 00002881	Miscellaneous Supplies	182.67		182.67	SUPPLIES FOR DAM SAFETY CONF.
07	G-06-305	ENG001	Hawaii	10/18/2006	HAWAIIAN 17321042398300	Inter-Island Travel	89.60		89.60	e matsuda/kona DS wkshp/10-25-06
07	G-06-305	ENG001	Hawaii	10/18/2006	HAWAIIAN 17321042398296	Inter-Island Travel	89.60		89.60	d manuel/kona DS wkshp/10-25-06
07	G-06-305	ENG001	Hawaii	10/18/2006	HAWAIIAN 17321042398742	Inter-Island Travel	99.60		99.60	e matsuda/kona DS wkshp/10-27-06 CANCEL
07	G-06-305	ENG001	Hawaii	10/18/2006	HAWAIIAN 17321042398731	Inter-Island Travel	99.60		99.60	d manuel/kona DS wkshp/10-27-06 CANCEL
07	G-06-305	ENG001	Stwd	10/19/2006	OFFICE MAX 00018069	Miscellaneous Supplies	489.37		489.37	SUPPLIES FOR DAM SAFETY CONF.
07	G-06-305	ENG001	Kauai	10/20/2006	HAWAIIAN 17321042541225	Inter-Island Travel	129.60		129.60	e hirano/alexander dam insp/10-25 to 26-06
07	G-06-305	ENG001	Hawaii	10/30/2006	HAWAIIAN	Inter-Island Travel	(99.60)		(99.60)	d manuel/kona DS wkshp/10-27 CREDIT
07	G-06-305	ENG001	Hawaii	11/3/2006	HAWAIIAN	Inter-Island Travel	(99.60)		(99.60)	e matsuda/kona DS wkshp/10-27-06 CREDIT
07	G-06-305	ENG001	Kauai	11/8/2006	MANUEL, DENISE	Inter-Island Travel	20.00		20.00	Employee travel, Kaloko Inspection
07	G-06-305	ENG001	Kauai	11/8/2006	MANUEL, DENISE	Inter-Island Travel	10.00		10.00	Employee travel, Kaloko Inspection
07	G-06-305	ENG001	Kauai	11/8/2006	HIRANO, ERIC T.	Inter-Island Travel	20.00		20.00	Employee travel, Kaloko Inspection
07	G-06-305	ENG001	Kauai	11/8/2006	HIRANO, ERIC T.	Inter-Island Travel	10.00		10.00	Employee travel, Kaloko Inspection
07	G-06-305	ENG001	Kauai	11/8/2006	MATSUDA, EDWIN	Inter-Island Travel	20.00		20.00	Employee travel, Kaloko Inspection
07	G-06-305	ENG001	Kauai	11/8/2006	MATSUDA, EDWIN	Inter-Island Travel	10.00		10.00	Employee travel, Kaloko Inspection
07	G-06-305	ENG001	Hawaii	11/8/2006	MATSUDA, EDWIN	Inter-Island Travel	206.93		206.93	Employee travel, Dam Safety Tnng, Kona
07	G-06-305	ENG001	Hawaii	11/8/2006	MATSUDA, EDWIN	Inter-Island Travel	20.00		20.00	Employee travel, Dam Safety Tnng, Kona
07	G-06-305	ENG001	Hawaii	11/16/2006	MANUEL, DENISE	Inter-Island Travel	333.86		333.86	Employee travel, Dam Safety Tnng, Kona
07	G-06-305	ENG001	Hawaii	11/16/2006	MANUEL, DENISE	Inter-Island Travel	10.36		10.36	Employee travel, Dam Safety Tnng, Kona
07	G-06-305	ENG001	Hawaii	11/16/2006	MANUEL, DENISE	Inter-Island Travel	30.00		30.00	Employee travel, Dam Safety Tnng, Kona
07	G-06-305	ENG001	Kauai	11/20/2006	EARTH TECH, INC.	Consultant Services		9,990.00	9,990.00	Alexander Dam Spillway repairs
07	G-06-305	ENG001	Oahu	11/27/2006	OCEANIT LABORATORI	Consultant Services		94,626.00	94,626.00	Dam inventory, maintenance, emerg, etc
07	G-06-305	ENG001	Hawaii	11/27/2006	OCEANIT LABORATORI	Consultant Services		77,927.00	77,927.00	Dam inventory, maintenance, emerg, etc
07	G-06-305	ENG001	Kauai	11/27/2006	OCEANIT LABORATORI	Consultant Services		300,576.00	300,576.00	Dam inventory, maintenance, emerg, etc
07	G-06-305	ENG001	Mau	11/27/2006	OCEANIT LABORATORI	Consultant Services		283,878.00	283,878.00	Dam inventory, maintenance, emerg, etc
07	G-06-305	ENG001	Stwd	11/29/2006	HAWAII BLUEPRINT & SUPPLY	Miscellaneous Services	6,939.04		6,939.04	Printing services, HI Dam Safety Training

Act 118, SLH 2006 Section	UAC	PROJECT	COUNTY	TRANSACTION DATE	PAYEE	COST CATEGORY	EXPENDED	ENCUMBERED	TOTAL	DESCRIPTION
07	G-06-305	ENG001	Maui	11/29/2006	MAUI ARTS & CULTURAL CENTER	Rental - Meeting Rooms	1,155.00		1,155.00	Room Rental, Dam Safty Seminar
07	G-06-305	ENG001	Stwd	12/5/2006	ASCE HAWAII SECTION	Consultant Services	7,810.76		7,810.76	Dam safety training & tech assistance
07	G-06-305	ENG001	Kauai	12/8/2006	HATTORI, ROY - CUSTODIAN	Inter-Island Travel	6.23		6.23	Employee travel
07	G-06-305	ENG001	Kauai	12/8/2006	HATTORI, ROY - CUSTODIAN	Inter-Island Travel	10.00		10.00	Employee travel
07	G-06-305	ENG001	Kauai	12/15/2006	MANUEL, DENISE	Inter-Island Travel		196.90	196.90	Employee travel, Dam Safety Trng, Kauai
07	G-06-305	ENG001	Kauai	12/15/2006	MANUEL, DENISE	Inter-Island Travel		20.00	20.00	Employee travel, Dam Safety Trng, Kauai
07	G-06-305	ENG001	Kauai	12/15/2006	MANUEL, DENISE	Inter-Island Travel		30.00	30.00	Employee travel, Dam Safety Trng, Kauai
07	G-06-305	ENG001	Kauai	12/15/2006	CHING, GAYSON	Inter-Island Travel		196.90	196.90	Employee travel, Dam Safety Trng, Kauai
07	G-06-305	ENG001	Kauai	12/15/2006	CHING, GAYSON	Inter-Island Travel		20.00	20.00	Employee travel, Dam Safety Trng, Kauai
07	G-06-305	ENG001	Kauai	12/15/2006	MATSUDA, EDWIN	Inter-Island Travel		196.90	196.90	Employee travel, Dam Safety Trng, Kauai
07	G-06-305	ENG001	Kauai	12/15/2006	MATSUDA, EDWIN	Inter-Island Travel		20.00	20.00	Employee travel, Dam Safety Trng, Kauai
07	G-06-305	ENG001	Oahu	12/18/2006	ALA MOANA HOTEL	Rental - Meeting Rooms	1,488.89		1,488.89	Room rental, Dam Safety Training
07	G-06-305	ENG001	Maui	12/18/2006	MANUEL, DENISE	Inter-Island Travel		200.00	200.00	Employee travel, Dam Safety Trng, Maui
07	G-06-305	ENG001	Maui	12/18/2006	MANUEL, DENISE	Inter-Island Travel		20.00	20.00	Employee travel, Dam Safety Trng, Maui
07	G-06-305	ENG001	Maui	12/18/2006	MANUEL, DENISE	Inter-Island Travel		30.00	30.00	Employee travel, Dam Safety Trng, Maui
07	G-06-305	ENG001	Maui	12/18/2006	MATSUDA, EDWIN	Inter-Island Travel		323.82	323.82	Employee travel, Dam Safety Trng, Maui
07	G-06-305	ENG001	Maui	12/18/2006	MATSUDA, EDWIN	Inter-Island Travel		20.00	20.00	Employee travel, Dam Safety Trng, Maui
07	G-06-305	ENG001	Maui	12/18/2006	MATSUDA, EDWIN	Inter-Island Travel		40.00	40.00	Employee travel, Dam Safety Trng, Maui
07	G-06-305	ENG001	Kauai	12/19/2006	HIRANO, ERIC T.	Inter-Island Travel	115.00		115.00	Employee travel, Alezander Dam
07	G-06-305	ENG001	Kauai	12/19/2006	HIRANO, ERIC T.	Inter-Island Travel	16.00		16.00	Employee travel, Alezander Dam
07	G-06-305	ENG001	Oahu	1/2/2007	UNIVERSITY OF HAWAII	Consultant Services		68,679.95	68,679.95	Dam Break Modeling Scenarios
07	G-06-305	ENG001	Hawaii	1/2/2007	UNIVERSITY OF HAWAII	Consultant Services		38,861.95	38,861.95	Dam Break Modeling Scenarios
07	G-06-305	ENG001	Kauai	1/2/2007	UNIVERSITY OF HAWAII	Consultant Services		220,014.95	220,014.95	Dam Break Modeling Scenarios
07	G-06-305	ENG001	Maui	1/2/2007	UNIVERSITY OF HAWAII	Consultant Services		275,642.95	275,642.95	Dam Break Modeling Scenarios
							73,652.19	1,396,925.56	1,470,577.75	
								Less: Federal Funds	0.00	
									1,470,577.75	

DEPARTMENT OF LAND & NATURAL RESOURCES										
STORMS OF FEBRUARY & MARCH 2006										
TRANSACTIONS DETAILS										
AS OF DECEMBER 31, 2006										
Act 118, SLH 2006 Section	UAC	PROJECT	COUNTY	TRANSACTION DATE	PAYEE	COST CATEGORY	EXPENDED	ENCUMBERED	TOTAL	DESCRIPTION
08	G-07-323	ENG002	Oahu	5/12/2006	TREES OF HAWAII, INC.	Repair - Parts & Labor	5,052.05		5,052.05	Kanaha Stream, debris removal
08	G-07-323	ENG002	Oahu	8/11/2006	KORL CONSTRUCTION,	Repair - Parts & Labor		104,317.87	104,317.87	Slope repair, Round top Drive
08	G-07-323	ENG002	Oahu	8/30/2006	IMUA LANDSCAPING CO., INC.	Repair - Parts & Labor	64,800.00		64,800.00	Recovery work, Round Top Drive
08	G-07-323	ENG002	Oahu	8/30/2006	MANTHOS ENGINEERIN	Consultant Services		71,374.54	71,374.54	Maunalaha Stream Restoration
08	G-07-323	ENG002	Oahu	9/13/2006	D & C PLUMBING, INC	Repair - Parts & Labor	61,370.00		61,370.00	Debris Removal, Round Top Drive
08	G-07-323	ENG002	Oahu	9/15/2006	KORL CONSTRUCTION, INC.	Repair - Parts & Labor	168,058.40		168,058.40	Slope repair, Round top Drive
08	G-07-323	ENG002	Oahu	9/15/2006	IMUA LANDSCAPING CO., INC.	Repair - Parts & Labor	14,640.00		14,640.00	Recovery work, Round Top Drive
08	G-07-323	ENG002	Oahu	9/27/2006	UNITED PACIFIC MASON	Repair - Parts & Labor	37,000.00		37,000.00	Tree removal, Maunalaha Road
08	G-07-323	ENG002	Oahu	9/27/2006	EARTH TECH, INC.	Consultant Services		110,446.00	110,446.00	Round Top Drive Improvements
08	G-07-323	ENG002	Oahu	10/2/2006	D & C PLUMBING, INC	Repair - Parts & Labor	10,941.34		10,941.34	Debris removal, Maunalaha
08	G-07-323	ENG002	Oahu	10/03/06	HAWAII BLUEPRINT	Miscellaneous Supplies	97.60		97.60	ROUND TOP DR EMERGENCY PROCLAMATION
08	G-07-323	ENG002	Oahu	10/6/2006	MANTHOS ENGINEERING LLC	Consultant Services	39,317.46		39,317.46	Maunalaha Stream Restoration
08	G-07-323	ENG002	Oahu	10/6/2006	HAWAII PROTECTIVE ASSOCIATION	Miscellaneous Services	1,001.00		1,001.00	Security guards, Round Top
08	G-07-323	ENG002	Oahu	10/10/2006	WAL-MART #3478	Repair - Parts & Labor	16.16		16.16	ROUND TOP DRIVE
08	G-07-323	ENG002	Oahu	10/11/2006	KORL CONSTRUCTION, INC.	Repair - Parts & Labor	231,380.41		231,380.41	Slope repair, Round top Drive
08	G-07-323	ENG002	Oahu	11/16/2006	KORL CONSTRUCTION, INC.	Repair - Parts & Labor	55,402.71		55,402.71	Slope repair, Round top Drive
08	G-07-323	ENG002	Oahu	11/16/2006	EARTH TECH, INC.	Consultant Services	38,004.00		38,004.00	Round Top Drive Improvements
08	G-07-323	ENG002	Oahu	12/15/2006	STATE WIRING & CON	Repair - Parts & Labor			-	Maunalaha Road Bridge Repair
08	G-07-323	ENG002	Oahu	12/18/2006	KORL CONSTRUCTION, INC.	Repair - Parts & Labor	38,628.11		38,628.11	Slope repair, Round top Drive
08	G-07-323	ENG002	Oahu	12/18/2006	EARTH TECH, INC.	Consultant Services	156,727.00		156,727.00	Round Top Drive Improvements
08	G-07-323	ENG002	Oahu	12/18/2006	MANTHOS ENGINEERING LLC	Consultant Services	40,400.78		40,400.78	Maunalaha Stream Restoration
08	G-07-323	ENG002	Oahu	1/3/2007	EARTH TECH, INC.	Consultant Services	1,894.00		1,894.00	Round Top Drive Improvements
08	G-07-323	ENG002	Oahu	1/3/2007	STATE WIRING & CONTRACTING	Repair - Parts & Labor	15,000.00		15,000.00	Bridge repair, Maunalaha
08	G-07-323	ENG002	Oahu	11/9/2006	IMUA LANDSCAPING C	Repair - Parts & Labor		28,960.00	28,960.00	Tree removal, Round top
							979,731.02	315,098.41	1,294,829.43	
								Less: Federal Funds	(29,289.00)	
									1,265,540.43	

DEPARTMENT OF LAND & NATURAL RESOURCES										
STORMS OF FEBRUARY & MARCH 2006										
TRANSACTIONS DETAILS										
AS OF DECEMBER 31, 2006										
Act 118, SLH 2006 Section	UAC	PROJECT	COUNTY	TRANSACTION DATE	PAYEE	COST CATEGORY	EXPENDED	ENCUMBERED	TOTAL	DESCRIPTION
09	G-07-323	ENG003	Oahu	11/9/2006	EARTH TECH, INC.	Consultant Services		120,000.00	120,000.00	Drainage improvements, Manoa
							-	120,000.00	120,000.00	
								Less: Federal Funds	0.00	
									120,000.00	

DEPARTMENT OF LAND & NATURAL RESOURCES										
STORMS OF FEBRUARY & MARCH 2006										
TRANSACTIONS DETAILS										
AS OF DECEMBER 31, 2006										
Act 118, SLH 2006 Section	UAC	PROJECT	COUNTY	TRANSACTION DATE	PAYEE	COST CATEGORY	EXPENDED	ENCUMBERED	TOTAL	DESCRIPTION
10	G-07-323	ENG004	Oahu	3/27/2006	THE HOME DEPOT	Repair - Parts & Labor	134.22		134.22	3/4-INCH PLYWOOD (MANOA) EMERG. PROCLAM
10	G-07-323	ENG004	Oahu	3/27/2006	THE HOME DEPOT	Repair - Parts & Labor	113.33		113.33	manoa/flumes/green residence/dofaw
10	G-07-323	ENG004	Oahu	3/27/2006	THE HOME DEPOT	Repair - Parts & Labor	1,161.66		1,161.66	manoa/flumes/green residence/dofaw
10	G-07-323	ENG004	Oahu	3/27/2006	SAFETY SYSTEMS HAWAII, INC.	Repair - Parts & Labor	309.37		309.37	manoa/sand bags/green residence/dofaw
10	G-07-323	ENG004	Oahu	3/27/2006	CITY MILL COMPANY #5	Repair - Parts & Labor	259.90		259.90	manoa/buckets/green residence/dofaw
10	G-07-323	ENG004	Oahu	3/29/2006	SAFETY SYSTEMS HAWAII, INC.	Repair - Parts & Labor	824.99		824.99	800 SANDBAGS (MANOA) EMERG. PROCLAMATIO
10	G-07-323	ENG004	Oahu	4/6/2006	SAFETY SYSTEMS HAWAII, INC.	Repair - Parts & Labor	572.91		572.91	500 SANDBAGS (MANOA) EMERG. PROCLAMATIO
10	G-07-323	ENG004	Oahu	4/17/2006	CITY MILL COMPANY #5	Repair - Parts & Labor	56.12		56.12	emergency - lumber to divert water
10	G-07-323	ENG004	Oahu	5/12/2006	EARTH TECH, INC.	Consultant Services	19,900.00		19,900.00	Rockslide assessment, Roundtop
10	G-07-323	ENG004	Oahu	11/3/2006	SAFETY SYSTEMS HAWAII,	Repair - Parts & Labor	1,822.68		1,822.68	jersey barriers/manoa/emergency proclamation
10	G-07-323	ENG004	Oahu	11/16/2006	EARTH TECH, INC.	Consultant Services	23,707.00		23,707.00	Engineering services, below Round Top
10	G-07-323	ENG004	Oahu	12/15/2006	HI-TECH ROCKFALL C	Repair - Parts & Labor		361,235.00	361,235.00	Debris catchment fences, Manoa
10	G-07-323	ENG004	Oahu	12/18/2006	EARTH TECH, INC.	Consultant Services	1,248.00		1,248.00	Engineering services, below Round Top
							50,110.18	361,235.00	411,345.18	
								Less: Federal Funds	(18,977.00)	
									392,368.18	

DEPARTMENT OF LAND & NATURAL RESOURCES										
STORMS OF FEBRUARY & MARCH 2006										
TRANSACTIONS DETAILS										
AS OF DECEMBER 31, 2006										
Act 118, SLH 2006 Section	UAC	PROJECT	COUNTY	TRANSACTION DATE	PAYEE	COST CATEGORY	EXPENDED	ENCUMBERED	TOTAL	DESCRIPTION
11	G-06-306	ENG005	Oahu	7/6/2006	TESCO WILLIAMSSENS	Repair - Parts & Labor	624.26		624.26	Spreader Apron
11	G-06-306	ENG005	Oahu	7/10/2006	D & C PLUMBING, INC	Repair - Parts & Labor	15,980.13		15,980.13	Debris Removal, Kaaawa
11	G-06-306	ENG005	Oahu	7/12/2006	LEE, R. H. S., INC.	Repair - Parts & Labor	4,185.86		4,185.86	Debris Removal, Kaawa
11	G-06-306	ENG005	Oahu	7/12/2006	LAIE TRUCKING LLC	Repair - Parts & Labor	3,265.60		3,265.60	Haul rocks, Kaaawa
11	G-06-306	ENG005	Oahu	7/12/2006	HYDROSEED HAWAII	Repair - Parts & Labor	3,000.00		3,000.00	Kaawa, Bonded fiber matrix
11	G-06-306	ENG005	Oahu	7/12/2006	YAMASHIRO BLDG & SUPPL	Repair - Parts & Labor	63.21		63.21	push brooms - kaaawa mudslide
11	G-06-306	ENG005	Oahu	7/12/2006	HARDWARE HAWAII KANEOH	Repair - Parts & Labor	28.11		28.11	bolt cutter - kaaawa mudslide
11	G-06-306	ENG005	Oahu	7/12/2006	KONG ENTERPRISES	Repair - Parts & Labor	351.25		351.25	move excavator to Kaawa
11	G-06-306	ENG006	Stwd	7/12/2006	FAO, USAED, HONOLULU DISTRICT	Consultant Services	180,000.00		180,000.00	Dam inspections Maui, Hawaii & Oahu
11	G-06-306	ENG007	Oahu	7/12/2006	D & C PLUMBING, INC	Repair - Parts & Labor	2,198.69		2,198.69	Excavator, Hauula Ditch
11	G-06-306	ENG007	Oahu	7/12/2006	KONG ENTERPRISES	Repair - Parts & Labor	390.59		390.59	equip rental
11	G-06-306	ENG007	Oahu	7/12/2006	HOME DEPOT	Repair - Parts & Labor	109.03		109.03	emergency - tools/matis to repair hauula ditch
11	G-06-306	ENG007	Oahu	7/12/2006	PIONEER ACE HARDWARE L	Repair - Parts & Labor	19.96		19.96	emergency - concrete to repair hauula ditch
11	G-06-306	ENG007	Oahu	9/18/2006	D & C PLUMBING, INC	Repair - Parts & Labor	780.80		780.80	Equipment rental, Kekona residence, Hauula
11	G-06-306	ENG008	Oahu	4/28/2006	STATE WIRING & CON	Repair - Parts & Labor		400.00	400.00	Repair, Booth Road
11	G-06-306	ENG008	Oahu	5/4/2006	EARTH TECH, INC.	Consultant Services		1,829.00	1,829.00	Rockfall mitigation, Booth Road
11	G-06-306	ENG008	Oahu	6/7/2006	JANOD INC.	Repair - Parts & Labor		122,728.00	122,728.00	Rockfall barrier, slope stabilization
11	G-06-306	ENG008	Oahu	7/7/2006	EARTH TECH, INC.	Consultant Services	15,589.00		15,589.00	Rockfall mitigation, Booth Road
11	G-06-306	ENG008	Oahu	7/12/2006	SAFETY SYSTEMS HAWAII, INC.	Repair - Parts & Labor	10,979.10		10,979.10	Water Barriers, Fasone, 2943 Booth Road
11	G-06-306	ENG008	Oahu	7/12/2006	JANOD INC.	Consultant Services	46,515.00		46,515.00	Slope Mitigation, Booth Road
11	G-06-306	ENG008	Oahu	7/12/2006	STATE WIRING & CONTRACTING	Repair - Parts & Labor	26,500.00		26,500.00	Repair, Booth Road
11	G-06-306	ENG008	Oahu	7/12/2006	PUKIKI TREE SERVICE	Repair - Parts & Labor	13,020.84		13,020.84	Remove Tree, Fasone, 2943 Booth
11	G-06-306	ENG008	Oahu	7/12/2006	SAFETY SYSTEMS HAWAII, INC.	Repair - Parts & Labor	2,058.58		2,058.58	Water Barriers, Fasone, 2943 Booth Road
11	G-06-306	ENG008	Oahu	10/2/2006	EARTH TECH, INC.	Consultant Services	22,476.00		22,476.00	Geological support, Booth
11	G-06-306	ENG008	Oahu	10/27/2006	EARTH TECH, INC.	Consultant Services	1,948.00		1,948.00	Rockfall mitigation, Booth Road
11	G-06-306	ENG008	Oahu	11/6/2006	EARTH TECH, INC.	Consultant Services	2,596.00		2,596.00	Rockfall mitigation, Booth Road
11	G-06-306	ENG008	Oahu	12/15/2006	H.T.M. CONTRACTORS	Repair - Parts & Labor		17,500.00	17,500.00	Tree removal, Fasone
11	G-06-306	ENG008	Oahu	1/3/2007	EARTH TECH, INC.	Consultant Services	5,038.00		5,038.00	Rockfall mitigation, Booth Road
11	G-06-306	ENG009	Oahu	7/12/2006	LEE, DICKEY	Repair - Parts & Labor	2,062.88		2,062.88	Corrugated sheets, Maunalaha
11	G-06-306	ENG009	Oahu	7/12/2006	D & C PLUMBING, INC	Repair - Parts & Labor	35,800.00		35,800.00	Debris Removal, Maunalaha
11	G-06-306	ENG009	Oahu	7/12/2006	SAFETY SYSTEMS HAWAII, INC.	Repair - Parts & Labor	206.25		206.25	Debris Removal, Maunalaha
11	G-06-306	ENG009	Oahu	7/12/2006	SAFETY SYSTEMS HAWAII, INC.	Repair - Parts & Labor	1,145.83		1,145.83	Debris Removal, Maunalaha
11	G-06-306	ENG009	Oahu	7/12/2006	KONG ENTERPRISES	Repair - Parts & Labor	542.01		542.01	Debris Removal, Maunalaha
11	G-06-306	ENG010	Oahu	9/26/2006	J & R WELDING AND	Repair - Parts & Labor		3,500.00	3,500.00	Debris removal, Hanapepe Valley
							397,474.98	145,957.00	543,431.98	
								Less: Federal Funds	(101,287.00)	
									442,144.98	

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12	G-06-307	FAW002	Oahu		ALLIED MACHINERY CORP	Rental - Machinery	5,155.40		5,155.40	Rental of backhoe
12	G-06-307	FAW003	Maui	9/27/2006	CASTLE & COOKE RES	Repair - Parts & Labor		22,819.48	22,819.48	Bulldozer rental
12	G-06-307	FAW003	Maui	10/20/2006	TRI-L CONSTRUCTION	Repair - Parts & Labor		10,010.73	10,010.73	Base course, Molokai Forest Reserve road
12	G-06-307	FAW003	Maui	11/22/2006	VARES, ALAN EQUIPM	Repair - Parts & Labor		7,000.00	7,000.00	Grade road, Polipoli SP
12	G-06-307	FAW005	Maui	9/18/2006	SONNY VICK'S PAVIN	Repair - Parts & Labor		14,915.00	14,915.00	Grade roads, Kahakuoloa GMA
12	G-06-307	FAW006	Oahu	Various	Various DLNR Employees	Employee Payroll	9,536.78		9,536.78	
12	G-06-307	FAW006	Oahu	7/3/2006	D & C PLUMBING, INC	Repair - Parts & Labor	9,497.46		9,497.46	Debris Removal
12	G-06-307	FAW007	Oahu	7/12/2006	KWAN, CAROL CONSULTING LLC	Consultant Services	3,906.23		3,906.23	Tree evaluation, Roundtop
12	G-06-307	FAW007	Oahu	7/12/2006	KWAN, CAROL CONSULTING LLC	Consultant Services	3,059.88		3,059.88	Tree evaluation, Maunaloa
12	G-06-307	FAW008	Oahu	Various	Various DLNR Employees	Employee Payroll	169.54		169.54	
12	G-06-307	FAW008	Oahu	11/29/2006	PACIFIC ENERGY STRATEGIES LLC	Repair - Parts & Labor	2,475.00		2,475.00	Building repair
12	G-06-307	FAW008	Oahu	12/20/2006	PACIFIC ENERGY STRATEGIES LLC	Miscellaneous	19.46		19.46	Building repair
							33,819.75	54,745.21	88,564.96	
								Less: Federal Funds	(28,323.00)	
									60,241.96	

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Act 118, SLH 2006 Section	UAC	PROJECT	COUNTY	TRANSACTION DATE	PAYEE	COST CATEGORY	EXPENDED	ENCUMBERED	TOTAL	DESCRIPTION
13	G-06-308	PARK01	Oahu	7/12/2006	GOODFELLOW BROS., INC.	Consultant Services	207,197.10		207,197.10	Rockfall Mitigation, Diamond Head
13	G-06-308	PARK01	Oahu	7/12/2006	JANOD INC.	Consultant Services	32,000.00		32,000.00	Rockfall Mitigation, Diamond Head
13	G-06-308	PARK01	Oahu	7/12/2006	EARTH TECH, INC.	Consultant Services	18,486.14		18,486.14	Geological, Diamond Head
13	G-06-308	PARK01	Oahu	7/12/2006	GP ROADWAY SOLUTIONS, INC.	Miscellaneous Services	42,120.80		42,120.80	Traffic control, Diamond Head
13	G-06-308	PARK03	Kauai	7/12/2006	TANIGUCHI, ROGER INC.	Repair - Parts & Labor	80,439.63		80,439.63	Grade Polihale Road
13	G-06-308	PARK03	Kauai	7/12/2006	KAUAI AGGREGATES	Repair - Parts & Labor	8,081.02		8,081.02	Rocks, Polihale Road
13	G-06-308	PARK03	Kauai	7/12/2006	KAUAI COMMERCIAL COMPANY, INC.	Repair - Parts & Labor	1,690.31		1,690.31	Rocks, Polihale Road
13	G-06-308	PARK04	Kauai	4/17/2006	INTER-ISLAND HELICOPTERS	Rental - Helicopter	630.00		630.00	Na Pali Coastline Miantenance
13	G-06-308	PARK04	Kauai	5/12/2006	INTER-ISLAND HELICOPTERS	Rental - Helicopter	1,540.00		1,540.00	Na Pali Coastline Miantenance
13	G-06-308	PARK04	Kauai	7/12/2006	HONSADOR LUMBER, LLC	Repair - Parts & Labor	4,152.96		4,152.96	Lumber, Fern Grotto
13	G-06-308	PARK04	Kauai	10/2/2006	KAUAI BUILDERS LTD.	Repair - Parts & Labor	70,934.05		70,934.05	Debris removal, Fern Grotto
13	G-06-308	PARK04	Kauai	10/6/2006	KAUAI BUILDERS LTD.	Repair - Parts & Labor	33,168.35		33,168.35	Debris removal, Fern Grotto
13	G-06-308	PARK04	Kauai	11/16/2006	KAUAI BUILDERS LTD.	Repair - Parts & Labor	86,995.05		86,995.05	Ramps, landings & walkways, fern Grott
13	G-06-308	PARK04	Kauai	11/16/2006	KAUAI BUILDERS LTD.	Repair - Parts & Labor	9,666.12		9,666.12	Ramps, landings & walkways, fern Grott
13	G-06-308	PARK06	Kauai	Various	Various DLNR Employees	Employee Payroll	969.21		969.21	
13	G-06-308	PARK06	Kauai	7/12/2006	URS CORPORATION	Consultant Services	19,696.71		19,696.71	Engineering, Fern Grotto
13	G-06-308	PARK06	Kauai	7/12/2006	JANOD INC.	Repair - Parts & Labor	36,211.64		36,211.64	Fern Grotto, Rock stabilization
13	G-06-308	PARK06	Kauai	7/12/2006	JANOD INC.	Repair - Parts & Labor	166,326.40		166,326.40	Fern Grotto, Rock stabilization
13	G-06-308	PARK06	Kauai	7/12/2006	HAWAIIAN AIR	Inter-Island Travel	158.20		158.20	Travel, Fern Grotto
13	G-06-308	PARK06	Kauai	7/12/2006	HAWAIIAN AIR	Inter-Island Travel	158.20		158.20	Travel, Fern Grotto
13	G-06-308	PARK06	Kauai	7/12/2006	HAWAIIAN AIR	Inter-Island Travel	158.20		158.20	Travel, Fern Grotto
13	G-06-308	PARK06	Kauai	7/12/2006	HAWAIIAN AIR	Inter-Island Travel	158.20		158.20	Travel, Fern Grotto
13	G-06-308	PARK06	Kauai	7/12/2006	HAWAIIAN AIR	Inter-Island Travel	316.40		316.40	S. Thompson-Kauai (4/27)-Meeting re: Fern Grotto
13	G-06-308	PARK06	Kauai	7/12/2006	HAWAIIAN AIR	Inter-Island Travel	158.20		158.20	Travel, Fern Grotto
13	G-06-308	PARK06	Kauai	7/12/2006	HAWAIIAN AIR	Inter-Island Travel	158.20		158.20	Travel, Fern Grotto
13	G-06-308	PARK06	Kauai	7/12/2006	HOME DEPOT	Repair - Parts & Labor	800.68		800.68	Fern Grotto
13	G-06-308	PARK06	Kauai	7/12/2006	HOME DEPOT	Repair - Parts & Labor	186.46		186.46	Fern Grotto
13	G-06-308	PARK06	Kauai	7/12/2006	KAUAI ACE/BEN FRANKLIN	Miscellaneous Supplies	140.57		140.57	Fern Grotto
13	G-06-308	PARK06	Kauai	7/12/2006	TOOLMASTER HAWAII INC	Repair - Parts & Labor	92.70		92.70	Fern Grotto
13	G-06-308	PARK06	Kauai	7/12/2006	LUMBER CONNECTORS ETC	Repair - Parts & Labor	455.79		455.79	Fern Grotto
13	G-06-308	PARK06	Kauai	7/12/2006	KAUAI LUMBER, INC	Repair - Parts & Labor	661.25		661.25	Fern Grotto
13	G-06-308	PARK06	Kauai	7/12/2006	SAFETY SYSTEMS HAWAII, INC.	Miscellaneous Supplies	242.03		242.03	Fern Grotto
13	G-06-308	PARK06	Kauai	7/12/2006	HAWAIIAN AIR	Inter-Island Travel	316.40		316.40	Fern Grotto
13	G-06-308	PARK06	Kauai	7/18/2006	THOMPSON, STEPHEN L.	Inter-Island Travel	10.00		10.00	Travel, Fern Grotto
13	G-06-308	PARK06	Kauai	7/18/2006	THOMPSON, STEPHEN L.	Inter-Island Travel	158.20		158.20	Travel, Fern Grotto
13	G-06-308	PARK06	Kauai	7/18/2006	THOMPSON, STEPHEN L.	Inter-Island Travel	20.00		20.00	Travel, Fern Grotto
13	G-06-308	PARK06	Kauai	7/18/2006	THOMPSON, STEPHEN L.	Inter-Island Travel	10.00		10.00	Travel, Fern Grotto
13	G-06-308	PARK06	Kauai	7/18/2006	THOMPSON, STEPHEN L.	Inter-Island Travel	10.00		10.00	Travel, Fern Grotto
13	G-06-308	PARK06	Kauai	7/18/2006	THOMPSON, STEPHEN L.	Inter-Island Travel	20.00		20.00	Travel, Fern Grotto
13	G-06-308	PARK06	Kauai	7/18/2006	THOMPSON, STEPHEN L.	Inter-Island Travel	20.00		20.00	Travel, Fern Grotto

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13	G-06-308	PARK06	Kauai	7/18/2006	THOMPSON, STEPHEN L.	Inter-Island Travel	10.00		10.00	Travel, Fern Grotto
13	G-06-308	PARK06	Kauai	7/18/2006	THOMPSON, STEPHEN L.	Inter-Island Travel	10.00		10.00	Travel, Fern Grotto
13	G-06-308	PARK06	Kauai	7/18/2006	THOMPSON, STEPHEN L.	Inter-Island Travel	10.00		10.00	Travel, Fern Grotto
13	G-06-308	PARK06	Kauai	7/18/2006	THOMPSON, STEPHEN L.	Inter-Island Travel	10.00		10.00	Travel, Fern Grotto
13	G-06-308	PARK06	Kauai	7/18/2006	THOMPSON, STEPHEN L.	Inter-Island Travel	20.00		20.00	Travel, Fern Grotto
13	G-06-308	PARK06	Kauai	7/18/2006	THOMPSON, STEPHEN L.	Inter-Island Travel	20.00		20.00	Travel, Fern Grotto
13	G-06-308	PARK06	Kauai	7/18/2006	THOMPSON, STEPHEN L.	Inter-Island Travel	20.00		20.00	Travel, Fern Grotto
13	G-06-308	PARK06	Kauai	7/18/2006	THOMPSON, STEPHEN L.	Inter-Island Travel	20.00		20.00	Travel, Fern Grotto
13	G-06-308	PARK06	Kauai	7/18/2006	THOMPSON, STEPHEN L.	Inter-Island Travel	20.00		20.00	Travel, Fern Grotto
13	G-06-308	PARK06	Kauai	28-Jul-06	HAWAIIAN 17321096106953	Inter-Island Travel	136.10		136.10	S. Thompson (Kauai-6/14)
13	G-06-308	PARK06	Kauai	28-Jul-06	HAWAIIAN 17321096133822	Inter-Island Travel	110.60		110.60	S. Thompson (Kauai-6/20)
13	G-06-308	PARK06	Kauai	28-Jul-06	HAWAIIAN 17321096330570	Inter-Island Travel	124.60		124.60	S. Thompson (Kauai-7/5)
13	G-06-308	PARK06	Kauai	28-Jul-06	AIRGAS GASPRO #7	Repair - Parts & Labor	967.98		967.98	Powermax 190C Jarvin
13	G-06-308	PARK06	Kauai	28-Jul-06	TOOLMASTER HAWAII INC	Repair - Parts & Labor	81.19		81.19	Stihl Blades Jarvin
13	G-06-308	PARK06	Kauai	7/28/2006	THOMPSON, STEPHEN L.	Inter-Island Travel	10.00		10.00	Travel, Fern Grotto
13	G-06-308	PARK06	Kauai	7/28/2006	THOMPSON, STEPHEN L.	Inter-Island Travel	10.00		10.00	Travel, Fern Grotto
13	G-06-308	PARK06	Kauai	7/28/2006	THOMPSON, STEPHEN L.	Inter-Island Travel	20.00		20.00	Travel, Fern Grotto
13	G-06-308	PARK06	Kauai	7/28/2006	THOMPSON, STEPHEN L.	Inter-Island Travel	20.00		20.00	Travel, Fern Grotto
13	G-06-308	PARK06	Kauai	7/28/2006	THOMPSON, STEPHEN L.	Inter-Island Travel	10.00		10.00	Travel, Fern Grotto
13	G-06-308	PARK06	Kauai	7/28/2006	THOMPSON, STEPHEN L.	Inter-Island Travel	10.00		10.00	Travel, Fern Grotto
13	G-06-308	PARK06	Kauai	7/28/2006	THOMPSON, STEPHEN L.	Inter-Island Travel	20.00		20.00	Travel, Fern Grotto
13	G-06-308	PARK06	Kauai	7/28/2006	THOMPSON, STEPHEN L.	Inter-Island Travel	20.00		20.00	Travel, Fern Grotto
13	G-06-308	PARK06	Kauai	28-Jul-06	HAWAIIAN 17321096432560	Inter-Island Travel	89.60		89.60	S. Thompson (Kauai-7/14)
13	G-06-308	PARK06	Kauai	8/4/2006	THOMPSON, STEPHEN L.	Inter-Island Travel	10.00		10.00	Travel, Fern Grotto
13	G-06-308	PARK06	Kauai	8/4/2006	THOMPSON, STEPHEN L.	Inter-Island Travel	20.00		20.00	Travel, Fern Grotto
13	G-06-308	PARK06	Kauai	8/10/2006	URS CORPORATION	Consultant Services	25,133.71		25,133.71	Engineering, Fern Grotto
13	G-06-308	PARK06	Kauai	17-Aug-06	THOMPSON, STEPHEN L.	Inter-Island Travel	20.00		20.00	Travel, Fern Grotto
13	G-06-308	PARK06	Kauai	17-Aug-06	THOMPSON, STEPHEN L.	Inter-Island Travel	10.00		10.00	Travel, Fern Grotto
13	G-06-308	PARK06	Kauai	17-Aug-06	THOMPSON, STEPHEN L.	Inter-Island Travel	20.00		20.00	Travel, Fern Grotto
13	G-06-308	PARK06	Kauai	17-Aug-06	THOMPSON, STEPHEN L.	Inter-Island Travel	10.00		10.00	Travel, Fern Grotto
13	G-06-308	PARK06	Kauai	8/30/2006	HATTORI, ROY - CUSTODIAN	Inter-Island Travel	20.00		20.00	Travel, Fern Grotto
13	G-06-308	PARK06	Kauai	05-Sep-06	HAWAIIAN 17321096673732	Inter-Island Travel	89.60		89.60	inspection w/URS
13	G-06-308	PARK06	Kauai	9/18/2006	HAWAIIAN 17321039954191	Inter-Island Travel	89.60		89.60	g ching/fern grotto storm damage/9-18-06
13	G-06-308	PARK06	Kauai	22-Sep-06	TOOLMASTER HAWAII INC	Repair - Parts & Labor	115.57		115.57	Stihl Wheel, Concrete 14", 20mm
13	G-06-308	PARK06	Kauai	22-Sep-06	HAWAIIAN 17321097055022	Inter-Island Travel	89.60		89.60	Fern Grotto
13	G-06-308	PARK06	Kauai	22-Sep-06	HAWAIIAN 17321097121006	Inter-Island Travel	79.60		79.60	Grotto
13	G-06-308	PARK06	Kauai	22-Sep-06	HAWAIIAN 17321097169903	Inter-Island Travel	89.60		89.60	Grotto Fencing
13	G-06-308	PARK06	Kauai	9/25/2006	HAWAIIAN 17321040363116	Inter-Island Travel	114.60		114.60	g ching/fern grotto storm damage/9-25-06
13	G-06-308	PARK06	Kauai	9/25/2006	HAWAIIAN 17321097298036	Inter-Island Travel	49.60		49.60	S. Thompson (Kauai-9/25) - Fern Grotto site visit
13	G-06-308	PARK06	Kauai	10/2/2006	URS CORPORATION	Consultant Services	50,000.00		50,000.00	Fern Grotto, Rock stabilization
13	G-06-308	PARK06	Kauai	10/2/2006	URS CORPORATION	Consultant Services	1,669.58		1,669.58	Engineering, Fern Grotto
13	G-06-308	PARK06	Kauai	10/30/2006	FERGUSON ENT #3117	Repair - Parts & Labor	701.77		701.77	2 L.Copper Tube,for Fern Grotto water line
13	G-06-308	PARK06	Kauai	11/7/2006	HAWAIIAN 17321097811162	Inter-Island Travel	99.60		99.60	S. Thompson (Kauai-11/8-11/9)
13	G-06-308	PARK06	Kauai	11/8/2006	CHING, GAYSON	Inter-Island Travel	20.00		20.00	Travel, Fern Grotto
13	G-06-308	PARK06	Kauai	11/8/2006	CHING, GAYSON	Inter-Island Travel	9.00		9.00	Travel, Fern Grotto
13	G-06-308	PARK06	Kauai	11/8/2006	CHING, GAYSON	Inter-Island Travel	5.34		5.34	Travel, Fern Grotto

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13	G-06-308	PARK06	Kauai	11/8/2006	CHING, GAYSON	Inter-Island Travel	5.34		5.34	Travel, Fern Grotto
13	G-06-308	PARK06	Kauai	11/8/2006	CHING, GAYSON	Inter-Island Travel	20.00		20.00	Travel, Fern Grotto
13	G-06-308	PARK06	Kauai	11/8/2006	CHING, GAYSON	Inter-Island Travel	10.00		10.00	Travel, Fern Grotto
13	G-06-308	PARK06	Kauai	12/15/2006	JANOD INC.	Repair - Parts & Labor	33,673.60		33,673.60	Fern Grotto, Rock stabilization
13	G-06-308	PARK06	Kauai	1/2/2007	CHING, GAYSON	Inter-Island Travel		20.00	20.00	Fern Grotto travel
13	G-06-308	PARK06	Kauai	1/2/2007	CHING, GAYSON	Inter-Island Travel		10.00	10.00	Fern Grotto travel
13	G-06-308	PARK06	Kauai	1/2/2007	CHING, GAYSON	Inter-Island Travel		5.34	5.34	Fern Grotto travel
13	G-06-308	PARK07	Kauai	12/12/2006	AR CONSTRUCTION SERVICES, LLC.	Repair - Parts & Labor	17,375.00		17,375.00	Kokee Lodge Roof Repair
13	G-06-308	PARK07	Kauai	12/12/2006	AR CONSTRUCTION SERVICES, LLC.	Repair - Parts & Labor	52,125.00		52,125.00	Kokee Lodge Roof Repair
13	G-06-308	PARK08	Kauai	7/12/2006	NIU CONSTRUCTION, INC	Repair - Parts & Labor	1,690.94		1,690.94	Cold Mix
13	G-06-308	PARK09	Oahu	7/12/2006	GLADS LANDSCAPE & TREE	Repair - Parts & Labor	23,958.18		23,958.18	Tree Removal, Sacred Falls
13	G-06-308	PARK09	Oahu	7/12/2006	GLADS LANDSCAPE & TREE	Repair - Parts & Labor	15,624.90		15,624.90	Tree Removal, Sacred Falls
13	G-06-308	PARK09	Oahu	7/12/2006	GLADS LANDSCAPE & TREE	Miscellaneous	20.33		20.33	Tree Removal, Sacred Falls
13	G-06-308	PARK09	Oahu	9/15/2006	AMAZON CONSTRUCTION CO., INC.	Repair - Parts & Labor	4,895.00		4,895.00	Demolish & remove concrete pillar/footings
13	G-06-308	PARK10	Oahu	7/12/2006	D & C PLUMBING, INC	Repair - Parts & Labor	26,297.73		26,297.73	Rock removal, Kahana & Trout Road
13	G-06-308	PARK12	Oahu	11/29/2006	OKUBO, ARNOLD T. AND	Consultant Services	9,357.00		9,357.00	Brige inspection, evaluation, Sacred Falls
13	G-06-308	PARK14	Oahu	7/12/2006	CHRIS' ROOFING	Repair - Parts & Labor	19,760.00		19,760.00	Re-roof Kahana Valley
							1,109,765.03	35.34	1,109,800.37	
								Less: Federal Funds	(117,082.00)	
									992,718.37	

DEPARTMENT OF LAND & NATURAL RESOURCES										
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AS OF DECEMBER 31, 2006										
Act 118, SLH 2006 Section	UAC	PROJECT	COUNTY	TRANSACTION DATE	PAYEE	COST CATEGORY	EXPENDED	ENCUMBERED	TOTAL	DESCRIPTION
15	G-07-323	BOR008	Hawaii	05-Sep-06	HAWAIIAN 17321036130500	Inter-Island Travel	103.60		103.60	e yuasa/wailoa bh dredging/8-1-06
15	G-07-323	BOR008	Hawaii	9/27/2006	EKNA SERVICES, INC	Consultant Services		40,069.00	40,069.00	Wailoa SBH Dredging
15	G-07-323	BOR008	Hawaii	10/6/2006	EKNA SERVICES, INC	Consultant Services	13,311.00		13,311.00	Wailoa SBH Dredging
15	G-07-323	BOR008	Hawaii	11/9/2006	EKNA SERVICES, INC.	Consultant Services	6,546.00		6,546.00	Wailoa SBH Dredging
15	G-07-323	BOR008	Hawaii	11/9/2006	AMERICAN MARINE CO	Repair - Parts & Labor		993,675.00	993,675.00	Wailoa SBH Dredging
15	G-07-323	BOR008	Hawaii	11/29/2006	EKNA SERVICES, INC.	Consultant Services	5,074.00		5,074.00	Wailoa SBH Dredging
15	G-07-323	BOR008	Hawaii	12/18/2006	YUASA, ERIC	Inter-Island Travel		20.00	20.00	Wailoa SBH Dredging Information Meeting
15	G-07-323	BOR008	Hawaii	12/18/2006	YUASA, ERIC	Inter-Island Travel		10.00	10.00	Wailoa SBH Dredging Information Meeting
15	G-07-323	BOR008	Hawaii	12/22/2006	TANAKA, ERIC	Inter-Island Travel		20.00	20.00	Wailoa SBH Dredging Pre-Con Meeting
							25,034.60	1,033,794.00	1,058,828.60	
								Less: Federal Funds	0.00	
									1,058,828.60	

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AS OF DECEMBER 31, 2006										
Act 118, SLH 2006 Section	UAC	PROJECT	COUNTY	TRANSACTION DATE	PAYEE	COST CATEGORY	EXPENDED	ENCUMBERED	TOTAL	DESCRIPTION
16	G-07-323	BOR009	Kauai	9/27/2006	NAGAMINE OKAWA ENGINEERS INC	Consultant Services		5,338.00	5,338.00	Waikaea Boat Ramp Basin Dredging
16	G-07-323	BOR009	Kauai	10/2/2006	NAGAMINE OKAWA ENGINEERS INC	Consultant Services	4,000.00		4,000.00	Waikaea Boat Ramp Basin Dredging
16	G-07-323	BOR009	Kauai	10/12/2006	NAGAMINE OKAWA ENGINEERS INC	Consultant Services	8,000.00		8,000.00	Waikaea Boat Ramp Basin Dredging
16	G-07-323	BOR009	Kauai	11/16/2006	NAGAMINE OKAWA ENGINEERS INC	Consultant Services	2,662.00		2,662.00	Waikaea Boat Ramp Basin Dredging
							14,662.00	5,338.00	20,000.00	
								Less: Federal Funds	0.00	
									20,000.00	

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Act 118, SLH 2006 Section	UAC	PROJECT	COUNTY	TRANSACTION DATE	PAYEE	COST CATEGORY	EXPENDED	ENCUMBERED	TOTAL	DESCRIPTION
17	G-06-309	CARE01	Kauai	4/4/2006	MIDPAC AUTO CENTER	Miscellaneous	368.36		368.36	Rear window repair SH A432 Ingram during flood
17	G-06-309	CARE01	Kauai	Various	Various DLNR Employees	Employee Payroll	40,365.82		40,365.82	
17	G-06-309	CARE02	Kauai	3/31/2006	PACIFIC WIRELESS COMM.	Miscellaneous Supplies	501.30		501.30	five portable batteries for Saber radio necessary d
17	G-06-309	CARE02	Kauai	3/31/2006	PACIFIC WIRELESS COMM.	Repair - Parts & Labor	687.50		687.50	Kilauea Repeater repair during flooding
17	G-06-309	CARE02	Kauai	10/3/2006	PACIFIC WIRELESS	Equipment		22,662.00	22,662.00	Quantar VHF Continuous Duty Repeater
17	G-06-309	CARE02	Kauai	10/9/2006	PACIFIC WIRELESS COMM.	Miscellaneous Services	333.33		333.33	Diagnostic Test of Kilauea repeater during Flood
							42,256.31	22,662.00	64,918.31	
								Less: Federal Funds	0.00	
									64,918.31	

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AS OF DECEMBER 31, 2006										
Act 178, SLH 2005 Section	UAC	PROJECT	COUNTY	TRANSACTION DATE	PAYEE	COST CATEGORY	EXPENDED	ENCUMBERED	TOTAL	DESCRIPTION
124	G-06-323	BOR001	Oahu	7/11/2006	AMAZON CONSTRUCTION CO., INC.	Repair - Parts & Labor	6,000.00		6,000.00	Debris trap, Ala Wai
124	G-06-323	BOR001	Oahu	7/11/2006	AMAZON CONSTRUCTION CO., INC.	Repair - Parts & Labor	6,000.00		6,000.00	Debris trap, Ala Wai
124	G-06-323	BOR001	Oahu	7/11/2006	AMAZON CONSTRUCTION CO., INC.	Repair - Parts & Labor	6,000.00		6,000.00	Debris trap, Ala Wai
124	G-06-323	BOR001	Oahu	7/11/2006	AMAZON CONSTRUCTION CO., INC.	Repair - Parts & Labor	6,000.00		6,000.00	Debris trap, Ala Wai
124	G-06-323	BOR002	Oahu	7/11/2006	PACIFIC ENVIRONMENTAL CORP.	Repair - Parts & Labor	57,599.35		57,599.35	Ala Wai SBH, Trash removal
124	G-06-323	BOR003	Oahu	7/11/2006	ALAKONA CORPORATION	Repair - Parts & Labor	22,594.00		22,594.00	Paving, SBH
124	G-06-323	BOR004	Oahu	7/11/2006	ALAKONA CORPORATION	Repair - Parts & Labor	10,000.00		10,000.00	Paving, SBH
124	G-06-323	BOR005	Oahu	7/11/2006	ALAKONA CORPORATION	Repair - Parts & Labor	10,000.00		10,000.00	Paving, SBH
124	G-06-323	BOR006	Oahu	7/11/2006	ALAKONA CORPORATION	Repair - Parts & Labor	18,613.00		18,613.00	Paving, SBH
124	G-06-323	BOR007	Oahu	5/31/2006	SAFETY SYSTEMS HAWAII, INC.	Repair - Parts & Labor	927.08		927.08	Rental steel plates Ala Wai
124	G-06-323	BOR007	Oahu	6/30/2006	SAFETY SYSTEMS HAWAII, INC.	Repair - Parts & Labor	135.42		135.42	Rental steel plates Ala Wai
124	G-06-323	BOR007	Oahu	7/11/2006	ALAKONA CORPORATION	Repair - Parts & Labor	10,000.00		10,000.00	Paving, SBH
124	G-06-323	BOR007	Oahu	7/11/2006	AMAZON CONSTRUCTION CO., INC.	Repair - Parts & Labor	1,562.50		1,562.50	Forklift rental and driver
124	G-06-323	PARK06	Kauai	7/6/2006	JANOD INC.	Repair - Parts & Labor		11,571.33	11,571.33	Fern Grotto, Rock stabilization
124	G-06-323	PARK06	Kauai	7/6/2006	URS CORPORATION	Consultant Services		26,756.30	26,756.30	Fern Grotto, Rock stabilization
124	G-06-323	PARK06	Kauai	8/15/2006	JANOD INC.	Repair - Parts & Labor	572,119.93		572,119.93	Fern Grotto, Rock stabilization
124	G-06-323	PARK06	Kauai	10/2/2006	URS CORPORATION	Consultant Services	9,687.31		9,687.31	Fern Grotto, Rock stabilization
124	G-06-323	PARK06	Kauai	10/30/2006	URS CORPORATION	Consultant Services	24,213.49		24,213.49	Fern Grotto, Rock stabilization
124	G-06-323	PARK06	Kauai	12/11/2006	URS CORPORATION	Consultant Services	23,034.94		23,034.94	Fern Grotto, Rock stabilization
124	G-06-323	PARK06	Kauai	12/11/2006	URS CORPORATION	Consultant Services	16,307.96		16,307.96	Fern Grotto, Rock stabilization
124	G-06-323	PARK06	Kauai	12/15/2006	JANOD INC.	Repair - Parts & Labor	516,308.74		516,308.74	Fern Grotto, Rock stabilization
							1,317,103.72	38,327.63	1,355,431.35	
								Less: Federal Funds	(73,272.00)	
									1,282,159.35	

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TRANSACTIONS DETAILS										
AS OF DECEMBER 31, 2006										
PRGM	UAC	PROJECT	COUNTY	TRANSACTION DATE	PAYEE	COST CATEGORY	EXPENDED	ENCUMBERED	TOTAL	DESCRIPTION
LNR101	S-06-318	ENG014	Hawaii	3/27/2006	HAWAIIAN AIR	Miscellaneous	33.42		33.42	AIR FREIGHT (KONA) HAWAII DAM REPORTS EM
LNR101	S-06-318	ENG014	Hawaii	4/7/2006	HAWAIIAN AIR	Inter-Island Travel	186.20		186.20	k ho/hawaii dam inspections/4-7-06
LNR101	S-06-318	ENG014	Hawaii	5/3/2006	K & S HELICOPTERS, INC.	Rental - Helicopter	2,730.00		2,730.00	Big Island Dam Inspect 4/6/06
LNR101	S-06-318	ENG014	Hawaii	6/1/2006	HATTORI, ROY - CUSTODIAN	Inter-Island Travel	10.00		10.00	
			Hawaii Total				2,959.62	-	2,959.62	
LNR101	S-06-318	ENG014	Kauai	3/16/2006	HAWAIIAN AIR	Inter-Island Travel	186.20		186.20	d lee/kauai dam inspection/3-14-06
LNR101	S-06-318	ENG014	Kauai	3/16/2006	HAWAIIAN AIR	Inter-Island Travel	186.20		186.20	g ching/kauai dam inspection/3-14-06
LNR101	S-06-318	ENG014	Kauai	3/16/2006	HAWAIIAN AIR	Inter-Island Travel	186.20		186.20	a satogata/kauai dam inspection/3-14-06
LNR101	S-06-318	ENG014	Kauai	3/16/2006	HAWAIIAN AIR	Inter-Island Travel	186.20		186.20	r masuoka/kauai dam inspection/3-14-06
LNR101	S-06-318	ENG014	Kauai	3/17/2006	HAWAIIAN AIR	Inter-Island Travel	93.10		93.10	g ching/kauai dam inspection/3-15-06/1-way
LNR101	S-06-318	ENG014	Kauai	3/17/2006	HAWAIIAN AIR	Inter-Island Travel	93.10		93.10	g ching/kauai dam insp/3-15-06/1-way
LNR101	S-06-318	ENG014	Kauai	3/17/2006	HAWAIIAN AIR	Inter-Island Travel	93.10		93.10	a satogata/kauai dam insp/3-15-06/1-way
LNR101	S-06-318	ENG014	Kauai	3/17/2006	HAWAIIAN AIR	Inter-Island Travel	93.10		93.10	a satogata/kauai dam insp/3-15-06/1-way
LNR101	S-06-318	ENG014	Kauai	3/17/2006	HAWAIIAN AIR	Inter-Island Travel	93.10		93.10	h young/kauai dam inspection/3-15-06/1-way
LNR101	S-06-318	ENG014	Kauai	3/17/2006	HAWAIIAN AIR	Inter-Island Travel	93.10		93.10	h young/kauai dam inspection/3-15-06/1-way
LNR101	S-06-318	ENG014	Kauai	3/17/2006	HAWAIIAN AIR	Inter-Island Travel	186.20		186.20	e matsuda/kauai dam insp/3-16-06
LNR101	S-06-318	ENG014	Kauai	3/20/2006	HAWAIIAN AIR	Inter-Island Travel	186.20		186.20	a satogata/kauai dam insp/3-16-06
LNR101	S-06-318	ENG014	Kauai	3/20/2006	HAWAIIAN AIR	Inter-Island Travel	186.20		186.20	h young/kauai dam insp/3-16-06
LNR101	S-06-318	ENG014	Kauai	3/20/2006	HAWAIIAN AIR	Inter-Island Travel	186.20		186.20	g ching/kauai dam insp/3-17-06
LNR101	S-06-318	ENG014	Kauai	3/20/2006	HAWAIIAN AIR	Inter-Island Travel	186.20		186.20	a satogata/kauai dam insp/3-17-06
LNR101	S-06-318	ENG014	Kauai	3/20/2006	HAWAIIAN AIR	Inter-Island Travel	186.20		186.20	e matsuda/kauai dam insp/3-17-06
LNR101	S-06-318	ENG014	Kauai	3/20/2006	HAWAIIAN AIR	Inter-Island Travel	186.20		186.20	r masuoka/kauai dam insp/3-17 to 18-06
LNR101	S-06-318	ENG014	Kauai	3/20/2006	HAWAIIAN AIR	Inter-Island Travel	158.20		158.20	d lee/kauai dam/3-18 to 19/06
LNR101	S-06-318	ENG014	Kauai	3/20/2006	HAWAIIAN AIR	Inter-Island Travel	158.20		158.20	h young/kauai dam insp/3-19 to 20-06
LNR101	S-06-318	ENG014	Kauai	3/21/2006	HAWAIIAN AIR	Inter-Island Travel	186.20		186.20	g chong/kauai dam insp/3-20-06
LNR101	S-06-318	ENG014	Kauai	3/21/2006	HAWAIIAN AIR	Inter-Island Travel	186.20		186.20	g ching/kauai dam insp/3-20-06
LNR101	S-06-318	ENG014	Kauai	3/21/2006	HAWAIIAN AIR	Inter-Island Travel	186.20		186.20	a satogata/kauai dam insp/3-20-06
LNR101	S-06-318	ENG014	Kauai	3/22/2006	HAWAIIAN AIR	Miscellaneous	36.36		36.36	AIR FREIGHT KAUAI DAM REPORTS EMERG. PRO
LNR101	S-06-318	ENG014	Kauai	3/23/2006	HAWAIIAN AIR	Inter-Island Travel	186.20		186.20	e yuasa/kauai dam insp/3-22-06
LNR101	S-06-318	ENG014	Kauai	3/23/2006	HAWAIIAN AIR	Inter-Island Travel	186.20		186.20	r masuoka/kauai dam insp/3-22-06
LNR101	S-06-318	ENG014	Kauai	3/23/2006	HAWAIIAN AIR	Inter-Island Travel	186.20		186.20	d lee/kauai dam inso/3-22-06
LNR101	S-06-318	ENG014	Kauai	3/23/2006	HAWAIIAN AIR	Inter-Island Travel	186.20		186.20	r yoshida/kauai dam insp/3-22-06
LNR101	S-06-318	ENG014	Kauai	3/24/2006	HAWAIIAN AIR	Inter-Island Travel	186.20		186.20	a satogata/kauai dam insp/3-23 to 24-06
LNR101	S-06-318	ENG014	Kauai	3/24/2006	HAWAIIAN AIR	Inter-Island Travel	186.20		186.20	h young/kauai dam insp/3-23 to 24-06
LNR101	S-06-318	ENG014	Kauai	3/24/2006	HAWAIIAN AIR	Inter-Island Travel	186.20		186.20	c tyau-beam/kauai dam/3-24 to 25-06
LNR101	S-06-318	ENG014	Kauai	3/29/2006	PANDA TRAVEL	Inter-Island Travel	717.90		717.90	rental car coupons
LNR101	S-06-318	ENG014	Kauai	4/4/2006	CHING, GAYSON	Inter-Island Travel	10.00		10.00	

PRGM	UAC	PROJECT	COUNTY	TRANSACTION DATE	PAYEE	COST CATEGORY	EXPENDED	ENCUMBERED	TOTAL	DESCRIPTION
LNR101	S-06-318	ENG014	Kauai	4/4/2006	CHING, GAYSON	Inter-Island Travel	20.00		20.00	
LNR101	S-06-318	ENG014	Kauai	4/4/2006	CHING, GAYSON	Inter-Island Travel	20.00		20.00	
LNR101	S-06-318	ENG014	Kauai	4/4/2006	CHING, GAYSON	Inter-Island Travel	20.00		20.00	
LNR101	S-06-318	ENG014	Kauai	4/4/2006	CHONG, GORDON	Inter-Island Travel	20.00		20.00	
LNR101	S-06-318	ENG014	Kauai	4/4/2006	CHONG, GORDON	Inter-Island Travel	204.70		204.70	
LNR101	S-06-318	ENG014	Kauai	4/4/2006	LEE, DICKEY	Inter-Island Travel	9.00		9.00	
LNR101	S-06-318	ENG014	Kauai	4/4/2006	LEE, DICKEY	Inter-Island Travel	20.00		20.00	
LNR101	S-06-318	ENG014	Kauai	4/4/2006	MASUOKA, ROGER	Inter-Island Travel	9.00		9.00	
LNR101	S-06-318	ENG014	Kauai	4/4/2006	MASUOKA, ROGER	Inter-Island Travel	20.00		20.00	
LNR101	S-06-318	ENG014	Kauai	4/4/2006	MATSUDA, EDWIN	Inter-Island Travel	14.00		14.00	
LNR101	S-06-318	ENG014	Kauai	4/4/2006	MATSUDA, EDWIN	Inter-Island Travel	136.91		136.91	
LNR101	S-06-318	ENG014	Kauai	4/4/2006	MATSUDA, EDWIN	Inter-Island Travel	10.00		10.00	
LNR101	S-06-318	ENG014	Kauai	4/4/2006	MATSUDA, EDWIN	Inter-Island Travel	20.00		20.00	
LNR101	S-06-318	ENG014	Kauai	4/4/2006	SATOGATA, ALVIN	Inter-Island Travel	20.00		20.00	
LNR101	S-06-318	ENG014	Kauai	4/4/2006	SATOGATA, ALVIN	Inter-Island Travel	20.00		20.00	
LNR101	S-06-318	ENG014	Kauai	4/4/2006	SATOGATA, ALVIN	Inter-Island Travel	20.00		20.00	
LNR101	S-06-318	ENG014	Kauai	4/4/2006	SATOGATA, ALVIN	Inter-Island Travel	20.00		20.00	
LNR101	S-06-318	ENG014	Kauai	4/4/2006	YOUNG, HIRAM	Inter-Island Travel	10.00		10.00	
LNR101	S-06-318	ENG014	Kauai	4/4/2006	YOUNG, HIRAM	Inter-Island Travel	10.00		10.00	
LNR101	S-06-318	ENG014	Kauai	4/4/2006	YOUNG, HIRAM	Inter-Island Travel	20.00		20.00	
LNR101	S-06-318	ENG014	Kauai	4/4/2006	YOUNG, HIRAM	Inter-Island Travel	20.00		20.00	
LNR101	S-06-318	ENG014	Kauai	4/19/2006	YOSHIDA, RANCEFORD	Inter-Island Travel	10.00		10.00	
LNR101	S-06-318	ENG014	Kauai	4/19/2006	YOSHIDA, RANCEFORD	Inter-Island Travel	20.00		20.00	
LNR101	S-06-318	ENG014	Kauai	4/19/2006	LEE, DICKEY	Inter-Island Travel	15.00		15.00	
LNR101	S-06-318	ENG014	Kauai	4/19/2006	LEE, DICKEY	Inter-Island Travel	10.00		10.00	
LNR101	S-06-318	ENG014	Kauai	4/19/2006	LEE, DICKEY	Inter-Island Travel	136.91		136.91	
LNR101	S-06-318	ENG014	Kauai	4/19/2006	LEE, DICKEY	Inter-Island Travel	20.00		20.00	
LNR101	S-06-318	ENG014	Kauai	4/19/2006	GOODING, KEVIN	Inter-Island Travel	10.00		10.00	
LNR101	S-06-318	ENG014	Kauai	4/19/2006	GOODING, KEVIN	Inter-Island Travel	20.00		20.00	
LNR101	S-06-318	ENG014	Kauai	4/19/2006	GOODING, KEVIN	Inter-Island Travel	254.60		254.60	
LNR101	S-06-318	ENG014	Kauai	4/19/2006	GOODING, KEVIN	Inter-Island Travel	220.31		220.31	
LNR101	S-06-318	ENG014	Kauai	4/19/2006	GOODING, KEVIN	Inter-Island Travel	20.00		20.00	
LNR101	S-06-318	ENG014	Kauai	4/19/2006	MASUOKA, ROGER	Inter-Island Travel	10.00		10.00	
LNR101	S-06-318	ENG014	Kauai	4/19/2006	MASUOKA, ROGER	Inter-Island Travel	14.00		14.00	
LNR101	S-06-318	ENG014	Kauai	4/19/2006	MASUOKA, ROGER	Inter-Island Travel	136.91		136.91	
LNR101	S-06-318	ENG014	Kauai	4/19/2006	MASUOKA, ROGER	Inter-Island Travel	20.00		20.00	
LNR101	S-06-318	ENG014	Kauai	4/19/2006	SATOGATA, ALVIN	Inter-Island Travel	20.00		20.00	
LNR101	S-06-318	ENG014	Kauai	4/19/2006	SATOGATA, ALVIN	Inter-Island Travel	22.00		22.00	
LNR101	S-06-318	ENG014	Kauai	4/19/2006	SATOGATA, ALVIN	Inter-Island Travel	180.31		180.31	
LNR101	S-06-318	ENG014	Kauai	4/19/2006	SATOGATA, ALVIN	Inter-Island Travel	204.70		204.70	
LNR101	S-06-318	ENG014	Kauai	4/19/2006	CHING, GAYSON	Inter-Island Travel	20.00		20.00	
LNR101	S-06-318	ENG014	Kauai	4/19/2006	CHING, GAYSON	Inter-Island Travel	196.91		196.91	
LNR101	S-06-318	ENG014	Kauai	4/19/2006	TYAU-BEAM, CAROL	Inter-Island Travel	20.00		20.00	
LNR101	S-06-318	ENG014	Kauai	4/19/2006	TYAU-BEAM, CAROL	Inter-Island Travel	160.00		160.00	

PRGM	UAC	PROJECT	COUNTY	TRANSACTION DATE	PAYEE	COST CATEGORY	EXPENDED	ENCUMBERED	TOTAL	DESCRIPTION
LNR101	S-06-318	ENG014	Kauai	4/19/2006	YOUNG, HIRAM	Inter-Island Travel	30.00		30.00	
LNR101	S-06-318	ENG014	Kauai	4/19/2006	YOUNG, HIRAM	Inter-Island Travel	20.00		20.00	
LNR101	S-06-318	ENG014	Kauai	4/19/2006	YOUNG, HIRAM	Inter-Island Travel	200.31		200.31	
LNR101	S-06-318	ENG014	Kauai	4/19/2006	YOUNG, HIRAM	Inter-Island Travel	256.91		256.91	
LNR101	S-06-318	ENG014	Kauai	4/19/2006	YUASA, ERIC	Inter-Island Travel	27.00		27.00	
LNR101	S-06-318	ENG014	Kauai	4/19/2006	YUASA, ERIC	Inter-Island Travel	220.31		220.31	
LNR101	S-06-318	ENG014	Kauai	4/20/2006	HAWAIIAN AIR	Inter-Island Travel	158.20		158.20	e matsuda/kauai dams/4-19-06
LNR101	S-06-318	ENG014	Kauai	4/20/2006	HAWAIIAN AIR	Inter-Island Travel	158.20		158.20	d manuel/kauai dams/4-19-06
LNR101	S318C	ENG014	Kauai	Varies	Various DLNR Employees	Employee Payroll	26,915.21		26,915.21	
LNR101	S-06-318	ENG014	Kauai	5/3/2006	YUASA, ERIC	Inter-Island Travel	196.91		196.91	
LNR101	S-06-318	ENG014	Kauai	5/3/2006	CHONG, GORDON	Inter-Island Travel	196.91		196.91	
LNR101	S-06-318	ENG014	Kauai	5/3/2006	YOUNG, HIRAM	Inter-Island Travel	196.91		196.91	
LNR101	B400C	ENG014	Kauai	Varies	Various DLNR Employees	Employee Payroll	2,390.27		2,390.27	
LNR101	S316C	ENG014	Kauai	Varies	Various DLNR Employees	Employee Payroll	484.39		484.39	
LNR101	S-06-318	ENG014	Kauai	5/22/2006	HAWAII BLUEPRINT & SUPPLY	Miscellaneous	16.80		16.80	
LNR101	S-06-318	ENG014	Kauai	5/22/2006	HAWAII BLUEPRINT & SUPPLY	Miscellaneous	1,599.99		1,599.99	
LNR101	S-06-318	ENG014	Kauai	5/30/2006	MANUEL, DENISE	Inter-Island Travel	10.00		10.00	
LNR101	S-06-318	ENG014	Kauai	5/30/2006	MANUEL, DENISE	Inter-Island Travel	20.00		20.00	
LNR101	S-06-318	ENG014	Kauai	5/30/2006	MATSUDA, EDWIN	Inter-Island Travel	10.00		10.00	
LNR101	S-06-318	ENG014	Kauai	5/30/2006	MATSUDA, EDWIN	Inter-Island Travel	20.00		20.00	
LNR101	S-06-318	ENG014	Kauai	6/1/2006	HATTORI, ROY - CUSTODIAN	Inter-Island Travel	20.00		20.00	
LNR101	S-06-318	ENG014	Kauai	6/1/2006	HATTORI, ROY - CUSTODIAN	Inter-Island Travel	20.00		20.00	
LNR101	S-06-318	ENG015	Kauai	3/22/2006	AIRGAS GASPRO #2	Miscellaneous	41.18		41.18	JACKET & PONCHO (RANCE) EMERG. PROCLAMA
LNR101	S-06-318	ENG015	Kauai	4/20/2006	SAFETY SYSTEMS HAWAII, INC.	Repair - Parts & Labor	74.37		74.37	SAFETY VESTS, EMERG PROC.
LNR101	S-06-318	ENG015	Kauai	6/1/2006	HATTORI, ROY - CUSTODIAN	Inter-Island Travel	17.80		17.80	
LNR101	S-06-318	ENG015	Kauai	6/1/2006	HATTORI, ROY - CUSTODIAN	Inter-Island Travel	58.74		58.74	
LNR101	S-06-318	ENG015	Kauai	6/1/2006	HATTORI, ROY - CUSTODIAN	Inter-Island Travel	46.28		46.28	
LNR101	S-07-318	ENG017	Kauai	10/4/2006	PACIFIC COMMERCIAL	Repair - Parts & Labor		77,656.00	77,656.00	Chain Lnk fence at Kekaha Herbicide Mixing
LNR101	S-07-318	ENG017	Kauai	10/4/2006	CLAYTON GROUP SERVICES, INC.	Consultant Services		16,979.00	16,979.00	Fence installation, Kekaha Pesticide
LNR101	S-06-318	ENG018	Kauai	5/19/2006	KOBAYASHI TRUCKING & EQUIPMENT	Repair - Parts & Labor	3,000.00		3,000.00	Backfill sand, Ke'e Beach
LNR101	S-07-318	ENG020	Kauai	8/11/2006	JANOD INC.	Repair - Parts & Labor		50,862.00	50,862.00	Slope mitigation & scaling of boulders
LNR101	S-07-318	ENG020	Kauai	9/19/2006	EARTH TECH, INC.	Consultant Services		11,554.00	11,554.00	Geological services, Koki Road
LNR101	S-07-318	ENG020	Kauai	9/29/2006	JANOD INC.	Repair - Parts & Labor		158,060.00	158,060.00	Installation of ring nets & PVC coated mesh
LNR101	S-07-318	ENG020	Kauai	11/16/2006	EARTH TECH, INC.	Consultant Services	11,554.00		11,554.00	Geological services, Koki Road
LNR101	S-07-318	ENG020	Kauai	1/3/2007	EARTH TECH, INC.	Consultant Services	15,404.00		15,404.00	
LNR101	S-06-318	ENG021	Kauai	7/7/2006	ALL PACIFIC TREE EXPERTS	Repair - Parts & Labor	8,320.00		8,320.00	Tree removal
			Kauai Total				79,639.41	315,111.00	394,750.41	
LNR101	S-06-318	ENG014	Maui	3/27/2006	HAWAIIAN AIR	Miscellaneous	35.80		35.80	AIR FREIGHT MAUI DAM REPORTS EMERG. PROC
LNR101	S-06-318	ENG014	Maui	4/3/2006	HAWAIIAN AIR	Inter-Island Travel	158.20		158.20	g chong/maui dam inspections/4-4 to 5-06
LNR101	S-06-318	ENG014	Maui	4/3/2006	HAWAIIAN AIR	Inter-Island Travel	158.20		158.20	e yuasa/maui dam inspections/4-4 to 5-06
LNR101	S-06-318	ENG014	Maui	4/3/2006	HAWAIIAN AIR	Inter-Island Travel	158.20		158.20	h young/maui dam inspections/4-4 to 5-06
LNR101	S-06-318	ENG014	Maui	4/3/2006	HAWAIIAN AIR	Inter-Island Travel	158.20		158.20	e matsuda/maui dam inspections/4-3-06
LNR101	S-06-318	ENG014	Maui	5/3/2006	PACIFIC HELICOPTER SERVICES,	Rental - Helicopter	950.00		950.00	Maui, Dam Inspect 4/03/06

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LNR101	S-06-318	ENG014	Maui	5/3/2006	YUASA, ERIC	Inter-Island Travel	20.00		20.00	
LNR101	S-06-318	ENG014	Maui	5/3/2006	CHONG, GORDON	Inter-Island Travel	20.00		20.00	
LNR101	S-06-318	ENG014	Maui	5/3/2006	YOUNG, HIRAM	Inter-Island Travel	20.00		20.00	
LNR101	S318C	ENG014	Maui	Varies	Various DLNR Employees	Employee Payroll	612.00		612.00	
			Maui Total				2,290.60	-	2,290.60	
LNR101	S-06-318	000000	Oahu	3/29/2006	SAFETY SYSTEMS HAWAII, INC.	Repair - Parts & Labor	206.25		206.25	200 SANDBAGS (MANOA) EMERG. PROCLAMATIO
LNR101	S-06-318	000000	Oahu	03-Jul-06	CHEVRON 0097970	Repair - Parts & Labor	64.08		64.08	emergency - move abandoned vehicle
LNR101	S318C	ENG014	Oahu	Varies	Various DLNR Employees	Employee Payroll	5,593.20		5,593.20	
LNR101	S-06-318	ENG014	Oahu	6/1/2006	HATTORI, ROY - CUSTODIAN	Inter-Island Travel	43.34		43.34	
LNR101	S-06-318	ENG014	Oahu	6/9/2006	KWAN, CAROL CONSULTING LLC	Miscellaneous	20.33		20.33	
LNR101	S-06-318	ENG016	Oahu	7/7/2006	CLAYTON GROUP SERVICES, INC.	Consultant Services	8,983.51		8,983.51	Sediment barriers, Ewa Pesticide
LNR101	S-06-318	ENG016	Oahu	7/12/2006	CLAYTON GROUP SERVICES, INC.	Consultant Services	2,419.26		2,419.26	Inspect, Ewa Herbicide
LNR101	S-06-318	ENG017	Oahu	7/12/2006	CLAYTON GROUP SERVICES, INC.	Consultant Services	5,729.13		5,729.13	Inspect, Kekaha Herbicide
			Oahu Total				23,059.10	-	23,059.10	
LNR101	S318C	ENG014	Stwd	Varies	Various DLNR Employees	Employee Payroll	3,682.81		3,682.81	
LNR101	S-06-318	ENG014	Stwd	4/24/2006	HAWAII BLUEPRINT & SUPPLY	Miscellaneous Supplies	265.86		265.86	EMERG. PROCLAMATION MAR. 2006 FLOODS
LNR101	S-06-318	ENG014	Stwd	5/3/2006	POWERS, CURTIS D.	Miscellaneous Supplies	72.74		72.74	
LNR101	S316C	ENG014	Stwd	Varies	Various DLNR Employees	Employee Payroll	2,582.73		2,582.73	
			Stwd Total				6,604.14	-	6,604.14	
			Program Total				114,552.87	315,111.00	429,663.87	
LNR153	G153C	DAR001	Kauai	Varies	Various DLNR Employees	Employee Payroll	611.52		611.52	
			Island & Program Total				611.52	-	611.52	
LNR172	G172C	ENG014	Kauai	Varies	Various DLNR Employees	Employee Payroll	1,382.00		1,382.00	
			Island Total				1,382.00	-	1,382.00	
LNR172	S347C	ENG014	Stwd	Varies	Various DLNR Employees	Employee Payroll	3,283.88		3,283.88	
			Island Total				3,283.88	-	3,283.88	
			Program Total				4,665.88	-	4,665.88	
LNR401	G-06-041	DAR001	Kauai	3/20/2006	HAWAIIAN AIR	Inter-Island Travel	95.80		95.80	One way trip to Kauai-Flood damage assessment
LNR401	G-06-041	DAR001	Kauai	3/20/2006	HAWAIIAN AIR	Inter-Island Travel	79.80		79.80	One way trip to Kauai-Flood damage assessment
LNR401	G-06-041	DAR001	Kauai	4/25/2006	LONGS DRUG STORES #453	Miscellaneous Supplies	43.44		43.44	Safety Supplies for Ala Wai Surveys
LNR401	G-06-041	DAR001	Kauai	4/28/2006	REGAL TRAVEL IWILEI 7	Inter-Island Travel	32.00		32.00	Kilauea Bay Survey Flight HNL-Kauai
LNR401	G-06-041	DAR001	Kauai	5/1/2006	REGAL TRAVEL IWILEI 7	Inter-Island Travel	5.00		5.00	Kilauea Bay Survey Flight Kauai-HNL

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LNR401	G-06-041	DAR001	Kauai	6/29/2006	DIVE XTRAS, INC.	Miscellaneous Supplies		600.00	600.00	
LNR401	G-06-041	DAR001	Kauai	6/30/2006	INTER-ISLAND HELIC	Rental - Helicopter		1,881.00	1,881.00	
LNR401	G-06-041	DAR001	Kauai	03-Jul-06	HAWAIIAN 17321032951796	Inter-Island Travel	123.60		123.60	helicopter survey of Wailapa Stream
LNR401	G-06-041	DAR001	Kauai	03-Jul-06	HAWAIIAN	Inter-Island Travel	(123.60)		(123.60)	helicopter survey of Wailapa Stream
LNR401	G-06-041	DAR001	Kauai	03-Jul-06	THE HOME DEPOT 1701	Repair - Parts & Labor	152.95		152.95	Web straps, silicon spray, wd-40, thread lock
LNR401	G-06-041	DAR001	Kauai	03-Jul-06	THE HOME DEPOT 1705	Repair - Parts & Labor	26.85		26.85	Large strap, duct tape, wd-40
LNR401	G-06-041	DAR001	Kauai	03-Jul-06	HAWAIIAN 17306111699856	Inter-Island Travel	50.00		50.00	Excess and overweight bag to Kauai
LNR401	G-06-041	DAR001	Kauai	03-Jul-06	HAWAIIAN 17321032951450	Inter-Island Travel	179.20		179.20	DK to Kauai on 6/16/06
LNR401	G-06-041	DAR001	Kauai	03-Jul-06	FORESTRY SUPPLIERS, IN	Repair - Parts & Labor	768.55		768.55	misc. survey supplies
LNR401	G-06-041	DAR001	Kauai	03-Jul-06	AMERICAN 00126091068102	Miscellaneous	80.00		80.00	excess baggage charge 5/23/06, LAX
LNR401	G-06-041	DAR001	Kauai	03-Jul-06	PANDA TRAVEL	Inter-Island Travel	178.00		178.00	RT airfare for D. Gulko, Honolulu-Kauai
LNR401	G-06-041	DAR001	Kauai	03-Jul-06	PANDA TRAVEL	Inter-Island Travel	178.00		178.00	RT airfare for J. Leonard, Honolulu-Kauai
LNR401	G-06-041	DAR001	Kauai	03-Jul-06	HAWAIIAN	Miscellaneous	25.00		25.00	excess baggage
LNR401	G-06-041	DAR001	Kauai	7/6/2006	INTER-ISLAND HELICOPTERS	Rental - Helicopter	858.60		858.60	
LNR401	G-07-041	DAR001	Kauai	7/6/2006	GULKO, DAVID	Inter-Island Travel	340.00		340.00	
LNR401	G-07-041	DAR001	Kauai	7/6/2006	LEONARD, JASON C. C.	Inter-Island Travel	340.00		340.00	
LNR401	G-07-041	DAR001	Kauai	7/6/2006	MURAKAWA, PAUL	Inter-Island Travel	340.00		340.00	
LNR401	G-06-041	DAR001	Kauai	7/7/2006	KUAMOO, DARRELL	Inter-Island Travel	20.00		20.00	
LNR401	G-07-041	DAR001	Kauai	7/7/2006	HIGASHI, GLENN	Inter-Island Travel	320.00		320.00	
LNR401	G-07-041	DAR001	Kauai	7/7/2006	KUAMOO, DARRELL	Inter-Island Travel	320.00		320.00	
LNR401	G-07-041	DAR001	Kauai	7/11/2006	SHIMODA, TROY	Inter-Island Travel	280.00		280.00	
LNR401	G-07-041	DAR001	Kauai	7/11/2006	SAKIHARA, TROY	Inter-Island Travel	280.00		280.00	
LNR401	G-07-041	DAR001	Kauai	7/21/2006	GULKO, DAVID	Inter-Island Travel		147.64	147.64	
LNR401	G-07-041	DAR001	Kauai	7/21/2006	GULKO, DAVID	Miscellaneous		20.00	20.00	
LNR401	G-07-041	DAR001	Kauai	7/21/2006	GULKO, DAVID	Miscellaneous		4.00	4.00	
LNR401	G041C	DAR001	Kauai	Varies	Various DLNR Employees	Employee Payroll	794.79		794.79	
LNR401	G-07-041	DAR001	Kauai	8/7/2006	GULKO, DAVID	Inter-Island Travel	36.00		36.00	
LNR401	G-07-041	DAR001	Kauai	8/7/2006	GULKO, DAVID	Inter-Island Travel	686.77		686.77	
LNR401	G-07-041	DAR001	Kauai	8/7/2006	GULKO, DAVID	Inter-Island Travel	225.40		225.40	
LNR401	G-07-041	DAR001	Kauai	8/7/2006	GULKO, DAVID	Miscellaneous	8.00		8.00	
LNR401	G-07-041	DAR001	Kauai	8/7/2006	LEONARD, JASON C. C.	Miscellaneous	51.91		51.91	
LNR401	G-07-041	DAR001	Kauai	8/7/2006	LEONARD, JASON C. C.	Inter-Island Travel	293.82		293.82	
LNR401	G-07-041	DAR001	Kauai	8/7/2006	LEONARD, JASON C. C.	Miscellaneous	38.73		38.73	
LNR401	G-07-041	DAR001	Kauai	8/7/2006	GULKO, DAVID	Inter-Island Travel	220.00		220.00	
LNR401	G-07-041	DAR001	Kauai	8/7/2006	GULKO, DAVID	Miscellaneous	8.00		8.00	
LNR401	G-06-041	DAR001	Kauai	08-Aug-06	THE HOME DEPOT 1705	Miscellaneous Supplies	33.25		33.25	Diving strap for x-scooters
LNR401	G-06-041	DAR001	Kauai	08-Aug-06	HAWAIIAN	Inter-Island Travel	25.00		25.00	Extra shipping charges for Kauai trip
LNR401	S-07-041	DAR001	Kauai	08-Aug-06	HAWAIIAN 17321034446624	Inter-Island Travel	167.60		167.60	round trip airfare to Kauai for Wailapa Str survey
LNR401	S-07-041	DAR001	Kauai	08-Aug-06	HAWAIIAN 17306111721755	Inter-Island Travel	15.00		15.00	6/14/06 to 6/16/06
LNR401	S-07-041	DAR001	Kauai	08-Aug-06	HAWAIIAN 17321034133772	Inter-Island Travel	179.20		179.20	DK travel to Kauai on 7/17-21/06
LNR401	S-07-041	DAR001	Kauai	08-Aug-06	HAWAIIAN	Miscellaneous	25.00		25.00	excess baggage Lihue-Honolulu
LNR401	S-07-041	DAR001	Kauai	08-Aug-06	HAWAIIAN	Inter-Island Travel	343.80		343.80	RT Air HNL-LIH Gulko, Murakawa, & Leonard
LNR401	S-07-041	DAR001	Kauai	08-Aug-06	HAWAIIAN 17321034711132	Inter-Island Travel	179.20		179.20	Troy Sakihara to Kauai on 7/25-28/06
LNR401	S-07-041	DAR001	Kauai	08-Aug-06	HAWAIIAN 17321034711121	Inter-Island Travel	179.20		179.20	Troy Shimoda to Kauai on 7/25-28/06

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LNR401	G-07-041	DAR001	Kauai	8/10/2006	KUAMOO, DARRELL	Inter-Island Travel	518.80		518.80	
LNR401	G-07-041	DAR001	Kauai	8/29/2006	MASUSAKO, RHODIE - CUSTODIAN	Repair - Parts & Labor	26.12		26.12	
LNR401	G-07-041	DAR001	Kauai	05-Sep-06	XEROX CAC1	Miscellaneous Supplies	12.40		12.40	Pro32
LNR401	S-07-041	DAR001	Kauai	05-Sep-06	HAWAIIAN	Miscellaneous	38.93		38.93	Cargo from Hilo to Kauai
LNR401	S-07-041	DAR001	Kauai	05-Sep-06	HAWAIIAN	Miscellaneous	41.63		41.63	Cargo from Kauai to Hilo
LNR401	S-07-041	DAR001	Kauai	05-Sep-06	HAWAIIAN	Miscellaneous	83.72		83.72	Cargo from Kauai to Oahu
LNR401	S-07-041	DAR001	Kauai	05-Sep-06	PANDA TRAVEL	Inter-Island Travel	267.00		267.00	KalokoIncid
LNR401	G-07-041	DAR001	Kauai	9/12/2006	HAWAIIAN AIR	Inter-Island Travel	(160.00)		(160.00)	
LNR401	G-07-041	DAR001	Kauai	9/18/2006	SEASPORT DIVERS, INC.	Repair - Parts & Labor	125.21		125.21	
LNR401	G-06-041	DAR001	Kauai	9/22/2006	DIVE XTRAS, INC.	Miscellaneous Supplies	4,990.00		4,990.00	
LNR401	G-07-041	DAR001	Kauai	9/28/2006	HAWAIIAN AIR	Inter-Island Travel	(320.00)		(320.00)	
LNR401	G-06-041	DAR001	Kauai	10/26/2006	INTER-ISLAND HELICOPTERS	Rental - Helicopter	981.00		981.00	
LNR401	G-07-041	DAR001	Kauai	1/3/2007	MASUSAKO, RHODIE - CUSTODIAN	Miscellaneous Supplies	97.50		97.50	
		Island & Program Total					15,206.17	2,652.64	17,858.81	
LNR402	G-06-042	000000	Oahu	4/7/2006	VARSITY MOTORS LIMITED	Miscellaneous	384.99		384.99	Service of vehicle SHA 917
		Island Total					384.99	-	384.99	
LNR402	S-07-314	DAR001	Kauai	8/1/2006	MONTGOMERY, ANTHONY	Inter-Island Travel	5.00		5.00	
LNR402	S-07-314	DAR001	Kauai	8/1/2006	MONTGOMERY, ANTHONY	Inter-Island Travel	504.14		504.14	
LNR402	S-07-314	DAR001	Kauai	8/1/2006	MONTGOMERY, ANTHONY	Miscellaneous	26.00		26.00	
LNR402	G042C	ENG014	Kauai	Varies	Various DLNR Employees	Employee Payroll	274.66		274.66	
LNR402	S314C	ENG014	Kauai	Varies	Various DLNR Employees	Employee Payroll	90.04		90.04	
		Island Total					899.84	-	899.84	
		Program Total					1,284.83	-	1,284.83	
LNR407	G047C	ENG014	Kauai	Varies	Various DLNR Employees	Employee Payroll	115.48		115.48	
		Island & Program Total					115.48	-	115.48	
LNR801	S-06-249	BOR010	Maui	4/10/2006	OKUBO, ARNOLD T. A	Consultant Services		2,300.00	2,300.00	Kihei Loading dock
LNR801	S-06-249	BOR010	Maui	6/1/2006	OKUBO, ARNOLD T. AND	Consultant Services	20,700.00		20,700.00	Engineering, Kihei loading dock
LNR801	S-06-249	BOR010	Maui	6/7/2006	SEA ENGINEERING, I	Repair - Parts & Labor		149,320.00	149,320.00	Repair Loading Dock, Kihei
LNR801	S-06-359	BOR011	Maui	6/1/2006	CASTLE & COOKE RESORTS, LLC	Miscellaneous Supplies	713.91		713.91	Gravel for road repair, Manele
		Island & Program Total					21,413.91	151,620.00	173,033.91	
LNR804	G084C	ENG014	Kauai	Varies	Various DLNR Employees	Employee Payroll	4,924.50		4,924.50	

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LNR804	S206C	ENG014	Kauai	Varies	Various DLNR Employees	Employee Payroll	816.22		816.22	
LNR804	S306C	ENG014	Kauai	Varies	Various DLNR Employees	Employee Payroll	762.93		762.93	
		Island & Program Total					6,503.65	-	6,503.65	
LNR805	G085C	DAR001	Kauai	Varies	Various DLNR Employees	Employee Payroll	488.64		488.64	
		Island & Program Total					488.64	-	488.64	
LNR806	G-06-086	000000	Kauai	5/4/2006	WAL MART	Miscellaneous Supplies	46.74		46.74	Air Horn/Air Horn Refill
		Island Total					46.74	-	46.74	
LNR806	G-06-086	000000	Oahu	8/4/2006	SAIKEVYCH, MARINA - CUSTODIAN	Miscellaneous Supplies	14.64		14.64	
		Island Total					14.64	-	14.64	
		Program Total					61.38	-	61.38	
LNR807	S312C	ENG014	Stwd	Varies	Various DLNR Employees	Employee Payroll	3,296.18		3,296.18	
		Island & Program Total					3,296.18	-	3,296.18	
							168,200.51	469,383.64	637,584.15	
								Less: Federal Funds	(73,272.00)	
									564,312.15	

Status of Dams Safety Inspections and Assessments

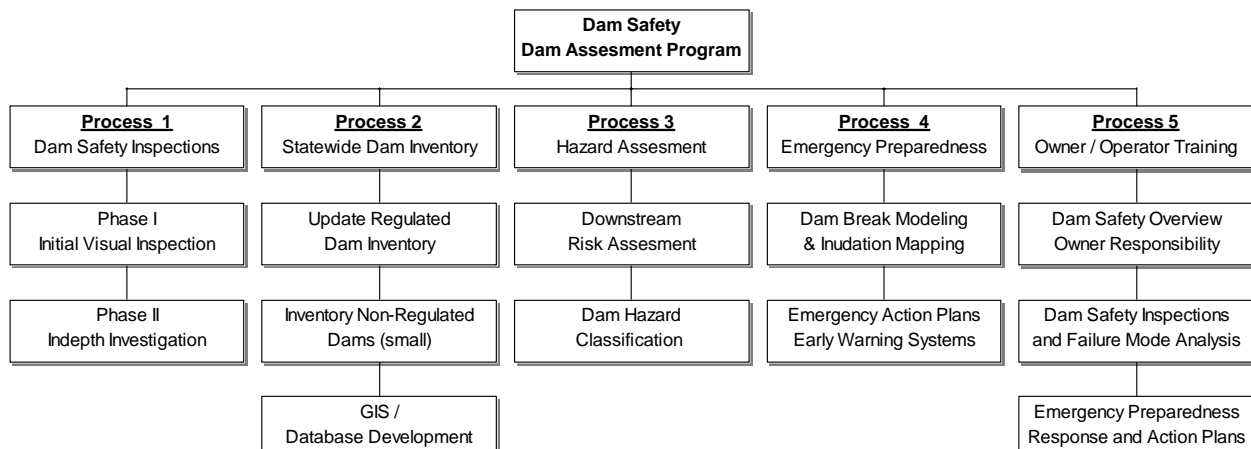
This report is prepared pursuant to Section 25 of Act 118, Session Laws of Hawaii 2006, which calls for the Department of Land and Natural Resources (Department) to prepare progress reports to the Legislature no later than July 15, 2006, January 15, 2007, and July 15, 2007 that include:

- A. A list of dams for which inspection have been completed;
 - B. A list of dams that are currently in the process of being inspected;
 - C. A list of dams that have not yet been inspected; and
- covers the period from July 1, 2006 through December 31, 2006.

1. Objectives:

- Conduct surveys, studies, and assessments of dams and reservoirs statewide to determine their current physical integrity.
- Verify current inventory listing of regulated dams.
- Verify dam hazard potential classifications and areas at risk to potential dam failures.
- Recommend future structural needs and identify potential effects or threats to areas around and downstream of the dams.

The Department is working through the following systematic approach to assessing the dams statewide:



Process 1 – Inspections

The first process in the assessment program is to conduct statewide inspections of all regulated dams. Based on the findings from the initial set of inspections undertaken in March and April 2006, the Department is programming follow up Phase I visual inspections and more in-depth Phase II investigations, which may include stability analysis, hydraulic analysis, seepage and seismic studies. The preliminary listing of dams scheduled for additional investigations are identified in Figure 4 of this report.

Process 2 – Update Statewide Dam Inventory

The second process step is to verify and update the Statewide Dam Inventory. The Department has retained a private consultant (Oceanit) to update and verify the existing regulated dams inventory listing, and research and develop an unregulated dam inventory for selected dams under the current jurisdictional limit. As a by-product of the data collection process, the consultant will be redeveloping the Department's existing database and linking it together with a Geographic Information System (GIS) to assist in the collection and maintenance of the inventory. The consultant will also assist in verifying whether newly identified dams should be included on the inventory of regulated dams.

Process 3 – Hazard Assessment

For the third process step, the Department retained a consultant to undertake a potential hazard risk assessment of the dams, by analyzing the anticipated area at risk from a dam failure. The assessment identifies the population at risk and critical structures/facilities that are in the inundation area. Based on the potential risk findings, guidance will be provided for updating the dam's potential hazard classification rating.

Process 4 – Emergency Preparedness

The fourth process step is to assess and improve the owners' and operators' emergency preparedness for their dam facilities. As of September of this year, 45 of the 76 high hazard dams and 10 of the 21-moderate/significant hazard dams in the State have Emergency Action Plans (EAP). The Department is working to improve the quantity, quality, and usability of these plans with the owners through training, evaluation, and sample projects.

Additionally, the Department has contracted with the Pacific Disaster Center (PDC) to conduct dam break (failure) model simulations to determine the anticipated area at risk. The State is also working with local county civil defense agencies to improve the EAPs for dams, and also planning on contracting with the United States (US) Bureau of Reclamation (BOR) to assist in developing pilot sample EAPs for each county.

Process 5 – Dam Owner / Operator Training

To assist in this effort, the Department partnered with the US BOR and the American Society of Civil Engineers (ASCE) to provide dam owner and operator training in inspection and emergency preparedness. These training classes were conducted in the four major counties statewide between October to December of 2006.

2. Status

A. List of dams for which inspections have been completed:

All regulated dams have been inspected and assessed under each of the three previously stated processes:

Process 1 – Inspections:

a. The US Army Corps of Engineers (COE) and the Department completed limited emergency visual dam inspections of all regulated dams on the Department's inventory, during the months of March and April 2006. These inspections were intended to determine whether there existed an imminent danger to life and property based on the

dam conditions at the time of the inspections. Inspections of the Kauai dams were covered under a Federal Emergency Management Agency (FEMA) technical assistance mission, and is estimated to have cost about \$100k. The findings from these inspections have been posted on the Department's website:

<http://www.hawaii.gov/dlnr/reports/dam-inspections/>

Please see the attached listing of dams inspected by county in Figure 1.

Process 1a – Approx. Total Expended: \$ 280,000
(includes \$ 100,000 of federal funds)

b. In response to the October 15, 2006 earthquake, teams from the Department, the University of Hawaii, the US BOR, US Army COE, the US Natural Resources Conservation Service and private engineering companies were dispatched to conduct post-earthquake visual inspections of the regulated dams. The US Army COE's portion of this mission (approximately \$ 300,000) was funded by FEMA as a technical assistance mission. All of these post-earthquake inspections focused on identifying specific post-seismic damages and concerns. A list of dams inspected under this effort are identified in Figure 2.

Process 1b – Approx. Total Expended: \$ 333,000
(includes \$ 300,000 of federal funds)

c. The Department has also started to contract out with private consultants to undertake Phase I and Phase II investigations of reservoirs. To date, one reservoir has been inspected (the partially breached embankment of the Kaloko Dam). This report is in draft form.

Process 1c – Approx. Total Expended: \$ 10,000

Process 1 – Total Expended: \$ 623,000
(includes \$ 400,000 of federal funds)

Process 2 – Update Statewide Dam Inventory

Under this process, the Department's consultant has verified the inventory parameters for one dam, the remaining embankment of Kaloko Dam.

Process 2 – Approx. Total Expended: \$ 3,000

Process 3 – Hazard Assessment

a. Contracted with PDC to conduct dam break model scenarios and hazard assessments. To date, PDC has prepared 40 preliminary hazard assessments, which are currently under review. A list of the 40 dams is presented in Figure 3.

Process 3a – Approx. Total Expended: \$ 71,000

b. Worked with the US BOR and evaluated approximately 32 EAPs.

Process 3b – Approx. Total Expended: \$ 2,000

Process 3 –Total Expended: \$ 73,000

Process 4 – Emergency Preparedness

Contracted with PDC to conduct dam break model scenarios. To date, PDC has run 40 dam break models, which are currently under review. A list of the 40 dams is presented in Figure 3. These results will be coordinated with the county civil defense agencies to develop appropriate evacuation maps. To avoid confusion, only the evacuation maps are anticipated to be released publicly.

Process 4 – Approx. Total Expended: \$ 71,000

Process 5 – Dam Owner / Operator Training

Conducted 4 Dam Safety Training Seminars:

Hawaii on October 25-27, 2006

Oahu on October 30 to November 1, 2006

Maui on November 29 to December 1, 2006

Kauai on December 4-6, 2006

Process 5 – Approx. Total Expended: \$ 54,000

Total Expended for Assessments Completed (Process 1-5): \$ 824,000
(Includes \$ 400,000 of federal funds)

B. List of dams that are currently in the process of being inspected:

Process 1 – Inspections:

The Department is in the process of developing contracts with private consultants to undertake Phase I and Phase II investigations of dams. The Department has developed a simple risk allocation model to prioritize additional investigations and will solicit private consultants to assist in completing this task. A preliminary listing of dams and targeted investigations are indicated under Figure 4.

Process 1 –Estimated Total: \$ 4,270,000

Process 2 – Update Statewide Dam Inventory:

The Department's consultant for this project has only completed one of the 136 dams (remaining embankment of Kaloko Dam) currently listed on the regulatory inventory listing. Additionally, more dams will be identified, researched and where applicable, field verified for inclusion on this listing. The consultant will also be updating the Department's database to automate the data collection process and integrate it with current GIS layers.

Process 2 – Approx. Total Expended: \$ 757,000

Process 3 – Hazard Assessment

PDC to conduct approximately 100 more dam break model scenarios. To date, PDC has prepared 40 preliminary hazard assessments, which are currently under review.

Process 3 – Approx. Total Expended: \$ 302,000

Process 4 – Emergency Preparedness

a. PDC to conduct approximately 100 more dam break model scenarios. To date, PDC has run 40 dam break models, which are currently under review.

Process 4a – Approx. Total Expended: \$ 302,000

b. The Department is currently in discussions with the US BOR to develop approximately 4 EAPs and possibly related early warning systems on the Islands of Hawaii, Maui, Oahu, and Kauai. Preliminary dams identified for these projects are:

Hawaii: Waikoloa Reservoirs No. 1-3

Maui: Maui Reservoir No. 24

Oahu: Wahiawa Dam

Kauai: Kapaia Reservoir

Process 4b – Estimated Total: \$ 300,000

Process 4 – Total: \$ 602,000

Process 5 – Dam Owner / Operator Training

There may be training provided on how to test and update emergency action plans for owners, operators and government responders, however these will be covered in the example EAPs developed in Process 4b above.

Process 5 – Estimated Total: \$ 0

Total Estimated Costs for Assessments In Progress (Process 1-5): \$ 5,931,000

C. List of dams that have not yet been inspected:

Currently there are no dams on the Statewide Dam Inventory listing that has not been inspected. Additional dams may be added when identified as part of the non-jurisdictional inventory project in Process 2.

D. Summary of Costs:

Total Expended for Assessments Completed: \$ 824,000

Total Estimated Costs for Assessments In Progress: \$ 5,931,000

Total Estimated Costs for Assessments Not Completed: \$ 0

Total Costs: \$ 6,755,000

(Includes Estimated \$ 400,000 in federal funds from FEMA)

Figure 1 – March and April 2006 Limited Visual Dam Inspections Completed

Hawaii County

DAM

50 MG WAIKOLOA RESERVOIR 1
50 MG WAIKOLOA RESERVOIR 2
50 MG WAIKOLOA RESERVOIR 3
PUU PULEHU RESERVOIR
E-13 RESERVOIR
HAWI NO. 3 RESERVOIR
HAWI NO.5 RESERVOIR
KEAIWA RESERVOIR
KEHENA RESERVOIR
LALAKEA RESERVOIR
PAAUILO RESERVOIR
PUUKAPU WATERSHED RETARDING DAM R-1
WAIMEA 60 MG RESERVOIR

OWNER

HAWAII COUNTY - WATER DEPT
HAWAII COUNTY - WATER DEPT
HAWAII COUNTY - WATER DEPT
STATE OF HAWAII - DHHL: Operated by DOA
KAMEHAMEHA SCHOOLS
KAMEHAMEHA SCHOOLS
SURETY KOHALA CORP. / STATE – DLNR
EDMOND OLSON TRUST
PARKER RANCH
KAMEHAMEHA SCHOOLS
STATE OF HAWAII - DEPT. OF AG
STATE OF HAWAII - DLNR
STATE OF HAWAII – DEPT. OF AG

**Figure 1 – March and April 2006 Limited Visual Dam Inspections Completed
Kauai County**

<u>DAM</u>	<u>OWNER</u>
AAHOAKA RESERVOIR	STATE OF HAWAII - DLNR
AEPO RESERVOIR	A & B PROPERTIES
AEPOALUA RESERVOIR	A & B PROPERTIES
AEPOEHA RESERVOIR	A & B PROPERTIES
AEPOEKOLU RESERVOIR	A & B PROPERTIES
AHUKINI RESERVOIR	GROVE FARM CO
AII RESERVOIR	GROVE FARM CO
ALEXANDER DAM	KAUAI COFFEE CO
ELIMA RESERVOIR	KAUAI COFFEE CO
ELUA RESERVOIR	KAUAI COFFEE CO
FIELD 1 KEALIA RESERVOIR	STATE OF HAWAII - DLNR
FIELD 2 KEALIA RESERVOIR	STATE OF HAWAII - DLNR
HALAMANU FIELD 21	STATE OF HAWAII - DLNR
HALENANAHU RESERVOIR	GROVE FARM CO
HUINAWAI RESERVOIR	A & B PROPERTIES
HUKIWAI RESERVOIR	KAUAI COFFEE CO
IOLEAU RESERVOIR	KAUAI COFFEE CO
IPUOLONO RESERVOIR	KAUAI COFFEE CO
KAAWANUI RESERVOIR	GAY & ROBINSON
KALIHAIWAI RESERVOIR	KALIHAIWAI RIDGE COMMUNITY ASSOCIATION
KANEHA RESERVOIR	CORNERSTONE HAWAII HOLDINGS, (KAUAI RANCH)
KAPA RESERVOIR	KAUAI COFFEE CO
KAPAIA RESERVOIR	GROVE FARM CO
KAUPALE RESERVOIR	A & B PROPERTIES
KEPANI RESERVOIR	GAY & ROBINSON
KITANO RESERVOIR	STATE OF HAWAII DLNR / AG-ADC
KOLOKO RESERVOIR	MARY N. LUCAS ESTATE
KUMANO RESERVOIR	A & B PROPERTIES
LOWER ANAHOLA RESERVOIR	STATE OF HAWAII - DLNR
LOWER KAPAHI RESERVOIR	STATE OF HAWAII - DLNR
MANA RESERVOIR	STATE OF HAWAII DLNR / AG-ADC
MANUHONUHONU RESERVOIR	A & B PROPERTIES
MAU RESERVOIR	KAUAI COFFEE CO
MAUKA RESERVOIR	KNUDSEN TRUST
MIMINO RESERVOIR	CORNERSTONE HAWAII HOLDINGS, (KAUAI RANCH)
MORITA RESERVOIR	MARY N. LUCAS ESTATE
OKINAWA RESERVOIR	GROVE FARM CO
OMAO RESERVOIR	A & B PROPERTIES
PAPUAA RESERVOIR	GROVE FARM CO
PIA MILL RESEROIR	KNUDSEN TRUST
PIWAI RESERVOIR	A & B PROPERTIES
PUU KA ELE RESERVOIR	JURASIC KAHILI RANCH
PUU LUA RESERVOIR	STATE OF HAWAII DLNR / KEKAHA AG ASSOC
PUU O HEWA RESERVOIR	KNUDSEN TRUST
PUU OPAE RESERVOIR	STATE OF HAWAII DLNR / KEKAHA AG ASSOC
TWIN RESERVOIR	BETTE MIDLER TRUST, GEORGE HOFFBERB, LEONARD KAUI
UPPER ANAHOLA RESERVOIR	STATE OF HAWAII - DLNR
UPPER KAPAHI RESERVOIR	STATE OF HAWAII - DLNR
WAIAKALUA RESERVOIR	KILAUEA FARMS COMMUNITY ASSOCIATION, WILLIAM FLAHERTY, COLLEEN ROMANO
WAIKAIA RESERVOIR	GAY & ROBINSON
WAIKOLOI RESERVOIR	GAY & ROBINSON
WAILUA RESERVOIR	STATE OF HAWAII - DLNR
WAITA RESERVOIR	GROVE FARM CO

Figure 1 – March and April 2006 Limited Visual Dam Inspections Completed
Maui County

<u>DAM</u>	<u>OWNER</u>
HAIKU RESERVOIR	EAST MAUI IRRIGATION CO
HANAKAOO RESERVOIR	PIONEER MILL CO
HAPPY VALLEY FLOOD PREVENTION	MAUI COUNTY- DEPT. OF PUBLIC WORKS
HONOKOWAI - STRUCTURE #8	MAUI COUNTY- DEPT. OF PUBLIC WORKS
HONOKOWAI RESERVOIR	MAUI LAND & PINE CO
HONOLUA-ML&P (Upper Field 14)	MAUI LAND & PINE CO
HORNER RESERVOIR	PIONEER MILL CO
KAHAKAPAO TWIN RESERVOIRS	MAUI COUNTY- WATER DEPT.
KAHANA DAM	MAUI COUNTY- DEPT. OF PUBLIC WORKS
KAHOMA RESERVOIR	WEST MAUI LAND CO.
KAILILII RESERVOIR	MAUI LAND & PINE CO
KAPALAALAEA RESERVOIR	EAST MAUI IRRIGATION CO
KAUPAKULUA RESERVOIR	EAST MAUI IRRIGATION CO
KOAPALA BASIN	MAUI COUNTY- DEPT. OF PUBLIC WORKS
KOLEA RESERVOIR	EAST MAUI IRRIGATION CO
KUALAPUU RESERVOIR	STATE OF HAWAII - DEPT. OF AG.
MAUI COUNTY WATER WEST	MAUI COUNTY DEPT. OF WATER SUPPLY
MAUI FIELD 290 RESERVOIR	MAUI LAND & PINE CO
MIDDLE FIELD 14	MAUI LAND & PINE CO
NAPILI 2-3 DESILTING BASIN	MAUI COUNTY- DEPT. OF PUBLIC WORKS
NAPILI 4-5 DESILTING BASIN	MAUI COUNTY- DEPT. OF PUBLIC WORKS
OLINDA RESERVOIR	MAUI COUNTY- WATER DEPT.
PAPAAEA RESERVOIR	EAST MAUI IRRIGATION CO
PAUWELA RESERVOIR	EAST MAUI IRRIGATION CO
PEAHI RESERVOIR	EAST MAUI IRRIGATION CO
PIIHOLO 50 MG RESERVOIR	MAUI COUNTY- WATER DEPT.
PUKALANI RESERVOIR (PK Reservoir)	MAUI LAND & PINE CO
RESERVOIR 14	HAWAII COMMERCIAL & SUGAR CO
RESERVOIR 15	HAWAII COMMERCIAL & SUGAR CO
RESERVOIR 20	HAWAII COMMERCIAL & SUGAR CO
RESERVOIR 21	HAWAII COMMERCIAL & SUGAR CO
RESERVOIR 22	HAWAII COMMERCIAL & SUGAR CO
RESERVOIR 24	HAWAII COMMERCIAL & SUGAR CO
RESERVOIR 25	HAWAII COMMERCIAL & SUGAR CO
RESERVOIR 30	HAWAII COMMERCIAL & SUGAR CO
RESERVOIR 33	HAWAII COMMERCIAL & SUGAR CO
RESERVOIR 40	HAWAII COMMERCIAL & SUGAR CO
RESERVOIR 42	HAWAII COMMERCIAL & SUGAR CO
RESERVOIR 52	HAWAII COMMERCIAL & SUGAR CO
RESERVOIR 60	HAWAII COMMERCIAL & SUGAR CO
RESERVOIR 61	HAWAII COMMERCIAL & SUGAR CO
RESERVOIR 70	HAWAII COMMERCIAL & SUGAR CO
RESERVOIR 73	HAWAII COMMERCIAL & SUGAR CO
RESERVOIR 74	HAWAII COMMERCIAL & SUGAR CO
RESERVOIR 80	HAWAII COMMERCIAL & SUGAR CO
RESERVOIR 81	HAWAII COMMERCIAL & SUGAR CO
RESERVOIR 82	HAWAII COMMERCIAL & SUGAR CO
RESERVOIR 84	HAWAII COMMERCIAL & SUGAR CO
RESERVOIR 90	HAWAII COMMERCIAL & SUGAR CO
RESERVOIR 92	HAWAII COMMERCIAL & SUGAR CO
UPPER FIELD 30 RESERVOIR	MAUI LAND & PINE CO
WAHIKULI RESERVOIR	WEST MAUI LAND CO.
WAIKAMOI DAM NO. 2	MAUI COUNTY- WATER DEPT.
WAILUKU DETENSION BASIN - "KEHALANI"	STANFORD CARR

Figure 1 – March and April 2006 Limited Visual Dam Inspections Completed

Oahu County

DAM

HALEMANO 06 RESERVOIR
HALEMANO 16 RESERVOIR
Kaneohe DAM
KEMOO 5 RESERVOIR
KU TREE RESERVOIR
NUUANU DAM NO. 4
OAHU RESERVOIR NO. 155
OPAEULA 01 RESERVOIR
OPAEULA 02 RESERVOIR
OPAEULA 15 RESERVOIR
RESERVOIR 510
RESERVOIR 530
RESERVOIR 545A
UPPER HALEMANO RESERVOIR
WAHIAWA DAM
WAIMANALO 60 MG RESERVOIR

OWNER

DOLE FOOD CO HAWAII
DOLE FOOD CO HAWAII
C&C HONOLULU DEPT OF FACILITY MAINTENANCE
DOLE FOOD CO HAWAII
U.S.A. - DEPT OF DEFENSE
HONOLULU BOARD OF WATER SUPPLY
THE ESTATE OF JAMES CAMPBELL
KAMEHAMEHA SCHOOLS
KAMEHAMEHA SCHOOLS
KAMEHAMEHA SCHOOLS
KAMEHAMEHA SCHOOLS / GENTRY
KAMEHAMEHA SCHOOLS / GENTRY
KAMEHAMEHA SCHOOLS / GENTRY
DOLE FOOD CO HAWAII
DOLE FOOD CO HAWAII
STATE OF HAWAII - DEPT. OF AG

Figure 2 – October 2006 Post-Earthquake Limited Visual Dam Inspections Completed

Hawaii County

DAM

50 MG WAIKOLOA RESERVOIR 1
50 MG WAIKOLOA RESERVOIR 2
50 MG WAIKOLOA RESERVOIR 3
PUU PULEHU RESERVOIR
E-13 RESERVOIR
HAWI NO. 3 RESERVOIR
HAWI NO.5 RESERVOIR
KEAIWA RESERVOIR
KEHENA RESERVOIR
LALAKEA RESERVOIR
PAAUILO RESERVOIR
PUUKAPU WATERSHED RETARDING DAM R-1
WAIMEA 60 MG RESERVOIR

OWNER

HAWAII COUNTY - WATER DEPT
HAWAII COUNTY - WATER DEPT
HAWAII COUNTY - WATER DEPT
STATE OF HAWAII - DHHL: Operated by DOA
KAMEHAMEHA SCHOOLS
KAMEHAMEHA SCHOOLS
SURETY KOHALA CORP. / STATE - DLNR
EDMOND OLSON TRUST
PARKER RANCH
KAMEHAMEHA SCHOOLS
STATE OF HAWAII - DEPT. OF AG
STATE OF HAWAII - DLNR
STATE OF HAWAII – DEPT. OF AG

**Figure 2 – October 2006 Post-Earthquake Limited Visual Dam Inspections Completed
Kauai County**

<u>DAM</u>	<u>OWNER</u>
AAHOAKA RESERVOIR	STATE OF HAWAII - DLNR
AEPO RESERVOIR	A & B PROPERTIES
AEPOALUA RESERVOIR	A & B PROPERTIES
AEPOEHA RESERVOIR	A & B PROPERTIES
AEPOEKOLU RESERVOIR	A & B PROPERTIES
AHUKINI RESERVOIR	GROVE FARM CO
AII RESERVOIR	GROVE FARM CO
ALEXANDER DAM	KAUAI COFFEE CO
ELIMA RESERVOIR	KAUAI COFFEE CO
ELUA RESERVOIR	KAUAI COFFEE CO
FIELD 1 KEALIA RESERVOIR	STATE OF HAWAII - DLNR
FIELD 2 KEALIA RESERVOIR	STATE OF HAWAII - DLNR
HALAMANU FIELD 21	STATE OF HAWAII - DLNR
HALENANAHU RESERVOIR	GROVE FARM CO
HUINAWAI RESERVOIR	A & B PROPERTIES
HUKIWAI RESERVOIR	KAUAI COFFEE CO
IOLEAU RESERVOIR	KAUAI COFFEE CO
IPUOLONO RESERVOIR	KAUAI COFFEE CO
KAAWANUI RESERVOIR	GAY & ROBINSON
KALIHAIWAI RESERVOIR	KALIHAIWAI RIDGE COMMUNITY ASSOCIATION
KANEHA RESERVOIR	CORNERSTONE HAWAII HOLDINGS, (KAUAI RANCH)
KAPA RESERVOIR	KAUAI COFFEE CO
KAPAIA RESERVOIR	GROVE FARM CO
KAUPALE RESERVOIR	A & B PROPERTIES
KEPANI RESERVOIR	GAY & ROBINSON
KITANO RESERVOIR	STATE OF HAWAII DLNR / AG-ADC
KUMANO RESERVOIR	A & B PROPERTIES
LOWER ANAHOLA RESERVOIR	STATE OF HAWAII - DLNR
LOWER KAPAHI RESERVOIR	STATE OF HAWAII - DLNR
MANA RESERVOIR	STATE OF HAWAII DLNR / AG-ADC
MANUHONUHONU RESERVOIR	A & B PROPERTIES
MAU RESERVOIR	KAUAI COFFEE CO
MAUKA RESERVOIR	KNUDSEN TRUST
MIMINO RESERVOIR	CORNERSTONE HAWAII HOLDINGS, (KAUAI RANCH)
MORITA RESERVOIR	MARY N. LUCAS ESTATE
OKINAWA RESERVOIR	GROVE FARM CO
OMAO RESERVOIR	A & B PROPERTIES
PAPUAA RESERVOIR	GROVE FARM CO
PIA MILL RESEROIR	KNUDSEN TRUST
PIWAI RESERVOIR	A & B PROPERTIES
PUU KA ELE RESERVOIR	JURASIC KAHILI RANCH
PUU LUA RESERVOIR	STATE OF HAWAII DLNR / KEKAHA AG ASSOC
PUU O HEWA RESERVOIR	KNUDSEN TRUST
PUU OPAE RESERVOIR	STATE OF HAWAII DLNR / KEKAHA AG ASSOC
TWIN RESERVOIR	BETTE MIDLER TRUST, GEORGE HOFFBERB, LEONARD KAUI
UPPER ANAHOLA RESERVOIR	STATE OF HAWAII - DLNR
UPPER KAPAHI RESERVOIR	STATE OF HAWAII - DLNR
WAIAKALUA RESERVOIR	KILAUEA FARMS COMMUNITY ASSOCIATION, WILLIAM FLAHERTY, COLLEEN ROMANO
WAIKAIA RESERVOIR	GAY & ROBINSON
WAIKOLOI RESERVOIR	GAY & ROBINSON
WAILUA RESERVOIR	STATE OF HAWAII - DLNR
WAITA RESERVOIR	GROVE FARM CO

Figure 2 – October 2006 Post-Earthquake Limited Visual Dam Inspections Completed
Maui County

<u>DAM</u>	<u>OWNER</u>
HAIKU RESERVOIR	EAST MAUI IRRIGATION CO
HANAKAOO RESERVOIR	PIONEER MILL CO
HAPPY VALLEY FLOOD PREVENTION	MAUI COUNTY- DEPT. OF PUBLIC WORKS
HONOKOWAI - STRUCTURE #8	MAUI COUNTY- DEPT. OF PUBLIC WORKS
HONOKOWAI RESERVOIR	MAUI LAND & PINE CO
HONOLUA-ML&P (Upper Field 14)	MAUI LAND & PINE CO
HORNER RESERVOIR	PIONEER MILL CO
KAHAKAPAO TWIN RESERVOIRS	MAUI COUNTY- WATER DEPT.
KAHANA DAM	MAUI COUNTY- DEPT. OF PUBLIC WORKS
KAHOMA RESERVOIR	WEST MAUI LAND CO.
KAILILII RESERVOIR	MAUI LAND & PINE CO
KAPALAALAEA RESERVOIR	EAST MAUI IRRIGATION CO
KAUPAKULUA RESERVOIR	EAST MAUI IRRIGATION CO
KOAPALA BASIN	MAUI COUNTY- DEPT. OF PUBLIC WORKS
KOLEA RESERVOIR	EAST MAUI IRRIGATION CO
KUALAPUU RESERVOIR	STATE OF HAWAII - DEPT. OF AG.
MAUI COUNTY WATER WEST	MAUI COUNTY DEPT. OF WATER SUPPLY
MAUI FIELD 290 RESERVOIR	MAUI LAND & PINE CO
MIDDLE FIELD 14	MAUI LAND & PINE CO
NAPILI 2-3 DESILTING BASIN	MAUI COUNTY- DEPT. OF PUBLIC WORKS
NAPILI 4-5 DESILTING BASIN	MAUI COUNTY- DEPT. OF PUBLIC WORKS
OLINDA RESERVOIR	MAUI COUNTY- WATER DEPT.
PAPAAEA RESERVOIR	EAST MAUI IRRIGATION CO
PAUWELA RESERVOIR	EAST MAUI IRRIGATION CO
PEAHI RESERVOIR	EAST MAUI IRRIGATION CO
PIIHOLO 50 MG RESERVOIR	MAUI COUNTY- WATER DEPT.
PUKALANI RESERVOIR (PK Reservoir)	MAUI LAND & PINE CO
RESERVOIR 14	HAWAII COMMERCIAL & SUGAR CO
RESERVOIR 15	HAWAII COMMERCIAL & SUGAR CO
RESERVOIR 20	HAWAII COMMERCIAL & SUGAR CO
RESERVOIR 21	HAWAII COMMERCIAL & SUGAR CO
RESERVOIR 22	HAWAII COMMERCIAL & SUGAR CO
RESERVOIR 24	HAWAII COMMERCIAL & SUGAR CO
RESERVOIR 25	HAWAII COMMERCIAL & SUGAR CO
RESERVOIR 30	HAWAII COMMERCIAL & SUGAR CO
RESERVOIR 33	HAWAII COMMERCIAL & SUGAR CO
RESERVOIR 40	HAWAII COMMERCIAL & SUGAR CO
RESERVOIR 42	HAWAII COMMERCIAL & SUGAR CO
RESERVOIR 52	HAWAII COMMERCIAL & SUGAR CO
RESERVOIR 60	HAWAII COMMERCIAL & SUGAR CO
RESERVOIR 61	HAWAII COMMERCIAL & SUGAR CO
RESERVOIR 70	HAWAII COMMERCIAL & SUGAR CO
RESERVOIR 73	HAWAII COMMERCIAL & SUGAR CO
RESERVOIR 74	HAWAII COMMERCIAL & SUGAR CO
RESERVOIR 80	HAWAII COMMERCIAL & SUGAR CO
RESERVOIR 81	HAWAII COMMERCIAL & SUGAR CO
RESERVOIR 82	HAWAII COMMERCIAL & SUGAR CO
RESERVOIR 84	HAWAII COMMERCIAL & SUGAR CO
RESERVOIR 90	HAWAII COMMERCIAL & SUGAR CO
RESERVOIR 92	HAWAII COMMERCIAL & SUGAR CO
UPPER FIELD 30 RESERVOIR	MAUI LAND & PINE CO
WAIKULI RESERVOIR	WEST MAUI LAND CO.
WAIKAMOI DAM NO. 2	MAUI COUNTY- WATER DEPT.
WAILUKU DETENSION BASIN - "KEHALANI"	STANFORD CARR

Figure 2 – October 2006 Post-Earthquake Limited Visual Dam Inspections Completed

Oahu County

DAM

HALEMANO 06 RESERVOIR
HALEMANO 16 RESERVOIR
KANEOHE DAM
KEMOO 5 RESERVOIR
KU TREE RESERVOIR
NUUANU DAM NO. 4
OAHU RESERVOIR NO. 155
OPAEULA 01 RESERVOIR
OPAEULA 02 RESERVOIR
OPAEULA 15 RESERVOIR
RESERVOIR 510
RESERVOIR 530
RESERVOIR 545A
UPPER HALEMANO RESERVOIR
WAHIAWA DAM
WAIMANALO 60 MG RESERVOIR

OWNER

DOLE FOOD CO HAWAII
DOLE FOOD CO HAWAII
C&C HONOLULU DEPT OF FACILITY MAINTENANCE
DOLE FOOD CO HAWAII
U.S.A. - DEPT OF DEFENSE
HONOLULU BOARD OF WATER SUPPLY
THE ESTATE OF JAMES CAMPBELL
KAMEHAMEHA SCHOOLS
KAMEHAMEHA SCHOOLS
KAMEHAMEHA SCHOOLS
KAMEHAMEHA SCHOOLS / GENTRY
KAMEHAMEHA SCHOOLS / GENTRY
KAMEHAMEHA SCHOOLS / GENTRY
DOLE FOOD CO HAWAII
DOLE FOOD CO HAWAII
STATE OF HAWAII - DEPT. OF AG

Figure 3 – PDC Dam Break Models Under Review

Hawaii County

E-13 Reservoir
Hawi No. 3 Reservoir
Hawi No. 5 Reservoir
Keaiwa Reservoir
Kehena Reservoir
Lalakea Reservoir
Paauilo Reservoir
Puu Pulehu Reservoir
Puukapu Watershed Retarding Dam R-1
Waikoloa 50 MG Reservoir 2
Waikoloa 50 MG Reservoir 3
Waimea 60 MG Reservoir

Kauai County

Aahoaka Reservoir
Aii Reservoir
Alexander
Field 1 Kealia Reservoir
Field 2 Kealia Reservoir
Ioleau Reservoir
Ipuolono Reservoir
Kapaia Reservoir
Kitano Reservoir
Kumano Reservoir
Lower Anahola Reservoir
Mana Reservoir
Okinawa Reservoir
Piwai Reservoir
Puu Ka Ele Reservoir
Puu Lua Reservoir
Twin Reservoir
Upper Anahola Reservoir
Wailua Reservoir
Waita Reservoir

Maui County

Kualapuu Reservoir

Oahu County

Kaneohe Dam
Nuuanu Dam No. 4
Opaepala 01 Reservoir
Opaepala 02 Reservoir
Reservoir 510
Upper Helemanu Reservoir
Wahiawa Dam

Figure 4 – Dams Scheduled For Additional Investigations

Hawaii County

50 MG WAIKOLOA RESERVOIR
50 MG WAIKOLOA RESERVOIR 2
HAWI NO. 3 RESERVOIR
HAWI NO.5 RESERVOIR
LALAKEA RESERVOIR
PUU PULEHU RESERVOIR
PUUKAPU WATERSHED RETARDING DAM R-1
WAIMEA 60 MG RESERVOIR

Kauai County

AAHOAKA RESERVOIR
AEPO RESERVOIR
AEPOALUA RESERVOIR
AEPOEKOLU RESERVOIR
AII RESERVOIR
ALEXANDER DAM
ELIMA RESERVOIR
ELUA RESERVOIR
FIELD 1 KEALIA RESERVOIR
HALAMANU FIELD 21
HALENANAHU RESERVOIR
HUINAWAI RESERVOIR
IPUOLONO RESERVOIR
KALIHIAI RESERVOIR
KANEHA RESERVOIR
KAPA RESERVOIR
KAPAIA RESERVOIR
KEPANI RESERVOIR
KITANO RESERVOIR
MAU RESERVOIR
OKINAWA RESERVOIR
OMAO RESERVOIR
PIWAI RESERVOIR
PUU KA ELE RESERVOIR
TWIN RESERVOIR
UPPER KAPAHI RESERVOIR
WAIKALUA RESERVOIR
WAIKAIA RESERVOIR
WAIKOLOI RESERVOIR
WAILUA RESERVOIR
WAITA RESERVOIR

Figure 4 – Dams Scheduled For Additional Investigations

Maui County

HAIKU RESERVOIR
HANAKA OO RESERVOIR
HORN ER RESERVOIR
KAHANA DAM
KAHOMA RESERVOIR
KUALAPUU RESERVOIR
Maui County Water West
MAUI FIELD 290 RESERVOIR
PAUWELA RESERVOIR
RESERVOIR 15
RESERVOIR 20
RESERVOIR 21
RESERVOIR 22
RESERVOIR 24
RESERVOIR 30
RESERVOIR 33
RESERVOIR 40
RESERVOIR 42
RESERVOIR 52
RESERVOIR 60
RESERVOIR 70
RESERVOIR 73
RESERVOIR 74
RESERVOIR 80
RESERVOIR 81
RESERVOIR 82
RESERVOIR 84
RESERVOIR 90
RESERVOIR 92
UPPER FIELD 30 RESERVOIR
WAHIKULI RESERVOIR
WAILUKU DETENSION BASIN - "KEHALANI"

Oahu County

HALEMANO 06 RESERVOIR
KANE OHE DAM
NUUANU DAM NO. 4
OPAEULA 01 RESERVOIR
OPAEULA 02 RESERVOIR
OPAEULA 15 RESERVOIR
RESERVOIR 530
UPPER HALEMANO RESERVOIR
WAHIAWA DAM
WAIMANALO 60 MG RESERVOIR